DEPARTMENT OF THE AIR FORCE
Headquarters US Air Force
Washington, DC 20330-1030

CFETP 2A3X3
Parts I and II
JUNE 2003

AFSC 2A3X3
FIGHTER AIRCRAFT
MAINTENANCE SPECIALTY

CAREER FIELD EDUCATION
AND TRAINING PLAN

CAREER FIELD EDUCATION AND TRAINING PLAN
FIGHTER AIRCRAFT MAINTENANCE SPECIALTY
AFSC 2A3X3

Table of Contents

Supersedes: CFETP 2A3X3A, Mar 99
CFETP 2A3X3B, Oct 98
CFETP 2A3X3J, Dec 98
And changes

Approved By: HQ USAF/ILMM (CMSgt J. Mayle)
OPR: 362 TRS
Number of Printed Pages: 169

FIGHTER AIRCRAFT MAINTENANCE SPECIALTY
AFSC 2A3X3A/B/J
CAREER FIELD EDUCATION AND TRAINING PLAN

PART I

Preface

1. This Career Field Education and Training Plan (CFETP) is a comprehensive education and training document that identifies life-cycle education/training requirements, training support resources, and minimum core task requirements for this specialty. The CFETP will provide personnel a clear career path to success and will instill rigor in all aspects of career field training. To read, review, or print a copy of current CFETPs, go to the Air Force e-publishing website at http://www.e-publishing.af.mil/ and select CFETP from the Special Series section of Electronic Publications, United States Air Force. ***NOTE:*** Civilians occupying associated positions will use Part II to support duty position qualification training.

2. The CFETP consists of two parts, both used by supervisors to plan, manage, and control training within the career field.
2.1. **Part I** provides information necessary for overall management of the specialty.
2.1.1. **Section A** explains how everyone will use the plan.
2.1.2. **Section B** identifies career field progression information, duties and responsibilities, training strategies, and career field path.
2.1.3. **Section C** associates each level with specialty qualifications (knowledge, education, training, and other).
2.1.4. **Section D** indicates resource constraints such as manpower, equipment, or facilities.
2.1.5. **Section E** identifies transitional training guide requirements to support career field restructures.
2.2. **Part II** includes the following:
2.2.1 **Section A** identifies the Specialty Training Standards (STS), Air Education and Training Command (AETC) conducted training, wartime course requirements, core task, and correspondence course requirements.
2.2.2 **Section B** contains course objective list and training standards supervisors use to determine if airmen satisfied training requirements.
2.2.3 **Section C** identifies available support materials. An example is a Qualification Training Package (QTP) developed to support proficiency training.
2.2.4 **Section D** identifies a training course index supervisors use to determine resources available to support training.
2.2.5 **Section E** identifies MAJCOM unique training requirements supervisors can use to determine additional training requirements unique to the MAJCOM.

3. Using guidance provided in the CFETP will ensure individuals in this specialty receive effective and efficient training at the appropriate point in their career. This plan will enable us to train today's work force for tomorrow's jobs. At unit level, supervisors and trainers will use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

ABBREVIATIONS/TERMS EXPLAINED

Advanced Training. Formal course which provides individuals who are qualified in one or more positions of their Air Force Specialty (AFS) with additional skills/knowledge to enhance their expertise in the career field. Training is for selected career airmen at the advanced level of the AFS.

Air Force Job Qualification Standard (AFJQS). A comprehensive task list that describes a particular job type or duty position. Supervisors use AFJQS to document task qualifications. The tasks on AFJQS are common to all persons serving in the described duty position.

Career Field Education and Training Plan (CFETP). A CFETP is a comprehensive, multipurpose document covering the entire spectrum of education and training for a career field. It outlines a logical growth plan that includes training resources and is designed to make career field training identifiable, to eliminate duplication, and to ensure this training is budget defensible.

Certification. A formal indication of an individual's ability to perform a task to required standards.

Certification Official. A person the commander assigns to determine an individual's ability to perform a task to required standards.

Continuation Training. Additional training exceeding requirements with emphasis on present or future duty assignments.

Core Task. A task Air Force Career Field Managers (AFCFMs) identify as a minimum qualification requirement within an Air Force Specialty regardless of duty position. Core tasks identified with an *R are optional for AFRC and ANG.

Course Objective List (COL). A publication identifying the tasks and knowledge requirements, and respective standards provided to achieve a 3-/7-skill level in this career field. Supervisors use the COL to assist in conducting graduate evaluations in accordance with AFI 36-2201 Vol 1, *Training Development, Delivery, and Evaluation.*

Enlisted Specialty Training (EST). A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade airmen in each skill level of a specialty.

Exportable Training. Additional training via computer assisted, paper text, interactive video, or other necessary means to supplement training.

Field Technical Training (Type 4). Special or regular on-site training conducted by a training detachment (TD) or by a mobile training team (MTT).

Initial Skills Training. A formal resident course which results in award of a 3-skill level AFSC.

Instructional System Development (ISD). A deliberate and orderly process for developing, validating, and reviewing instructional programs that ensures personnel are taught the knowledge and skills essential for successful job performance.

Mission Ready Airman. A formal course which results in an airman receiving hands-on training and task certification of selected tasks so the individual will be immediately productive upon arrival at their duty section.

Occupational Survey Report (OSR). A detailed report showing the results of an occupational survey of tasks performed within a particular AFS.

On-the-Job Training (OJT). Hands-on, over-the-shoulder training at the duty location used to certify personnel for both skill level upgrade and duty position qualification.

Qualification Training (QT). Actual hands-on task performance training designed to qualify an airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skill/knowledge training required to do the job.

Qualification Training Package (QTP). An instructional package designed for use at the unit to qualify, or aid qualification, in a duty position or program, or on a piece of equipment. It may be printed, computer-based, or in other audiovisual media.

Resource Constraints. Resource deficiencies, such as money, facilities, time, manpower, and equipment that preclude desired training from being accomplished.

Specialized Training Package and COMSEC Qualification Training Package. A composite of lesson plans, test material, instructions, policy, doctrine, and procedures necessary to conduct training. These packages are prepared by AETC, approved by National Security Agency (NSA), and administered by qualified communications security (COMSEC) maintenance personnel.

Specialty Training Standard (STS). An Air Force publication that describes an Air Force Specialty in terms of tasks and knowledge an airman may be expected to perform or to know on the job. It serves as a contract between the Air Education and Training Command and the functional user to show which of the overall training requirements for an Air Force Specialty Code are taught in formal schools, Career Development Courses, and exportable courses.

Training Impact Decision System (TIDES). A computer-based decision support technology being designed to assist AFCFMs in making critical judgments relevant to what training should be provided personnel within career fields, when training should be provided (at what career points), and where training should be conducted (training setting).

Upgrade Training (UGT). A mixture of mandatory courses, task qualification, QTPs, and CDCs required for award of the 3-, 5-, 7-, and 9-skill levels.

Utilization and Training Workshop (U&TW). A forum of MAJCOM Air Force Specialty Code (AFSC) functional managers, Subject Matter Experts (SMEs), and AETC training personnel that determines career ladder training requirements.

Section A - General Information

1. Purpose. This CFETP provides information necessary for Air Force Career Field Managers (AFCFM), MAJCOM Functional Managers (MFMs), commanders, training managers, supervisors and trainers to plan, develop, manage, and conduct an effective career field training program. This plan outlines the training that individuals in AFSCs 2A3X3A/B/J should receive to develop and progress throughout their career. This plan identifies initial skills, upgrade, qualification, advanced, and proficiency training. Initial skills training is the AFS specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. Normally, this training is conducted by AETC at one or more of the technical training centers. Upgrade training identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 3-, 5-, 7-, 9-skill levels. Qualification training is actual hands-on task performance training designed to qualify an airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills/knowledge required to do the job. Advanced training is formal specialty training used for selected airmen. Proficiency training is additional training, either in-residence or exportable advanced training courses, or on-the-job training, provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade. The CFETP has several purposes, some are:

1.1. Serves as a management tool to plan, manage, conduct, and evaluate a career field training program. Also, it is used to help supervisors identify training at the appropriate point in an individual's career.

1.2. Identifies task and knowledge training requirements for each skill level in the specialty and recommends education/training throughout each phase of an individual's career.

1.3. Lists training courses available in the specialty, identifies sources of training, and the training delivery method.

1.4. Identifies major resource constraints that impact full implementation of the desired career field training process.

2. Uses. The plan will be used by MAJCOM Functional Managers (MFMs) and supervisors at all levels to ensure comprehensive and cohesive training programs are available for each individual in the specialty.

2.1. AETC training personnel will develop/revise formal resident, non-resident, field and exportable training based on requirements established by the users and documented in Part II of the CFETP. They will also work with the AFCFM to develop acquisition strategies for obtaining resources needed to provide the identified training.

2.2. MFMs will ensure their training programs complement the CFETP mandatory initial, upgrade, and proficiency requirements. Identified requirements can be satisfied by OJT, resident training, contract training, or exportable courses. MAJCOM-developed training to support this

AFS must be identified for inclusion into this plan and must not duplicate other available training resources.
2.3. Each individual will complete the mandatory training requirements specified in this plan.

3. Coordination and Approval. The AFCFM is the approval authority. MAJCOM representatives and AETC training personnel will identify and coordinate on the career field training requirements. The AETC training manager for this specialty will initiate an annual review of this document by AETC and MFMs to ensure currency and accuracy. Using the list of courses in Part II, they will eliminate duplicate training.

Section B - Career Progression and Information

4. Specialty Descriptions.
4.1. **Specialty Summary.** Maintains fighter aircraft, support equipment, and forms and records. Performs and supervises flight chief, expediter, crew chief, aero repair, and maintenance support functions. Related DoD Occupational Subgroup: 600.
4.2. **Duties and Responsibilities.**
4.2.1. Services aircraft. Performs end-of-runway, postflight, preflight, thruflight, and phase inspections. Advises on problems maintaining, servicing, and inspecting aircraft and related aerospace equipment. Uses technical data to diagnose and solve maintenance problems on aircraft systems. Interprets and advises on maintenance procedures and policies to repair aircraft and related equipment.
4.2.2. Troubleshoots and maintains aircraft structures, systems, components, and related equipment. Removes and installs aircraft components. Conducts functional tests of repaired components and systems. Adjusts, aligns, and rigs aircraft systems. Supervises and performs aircraft jacking, lifting, and towing operations.
4.2.3. Inspects aircraft structures, systems, components, and related systems. Supervises and performs aircraft and component inspections. Interprets inspection findings and determines adequacy of corrective actions. Inspects and checks components for clearances, tolerances, proper installation, and operation. Inspects and operates powered and non-powered aerospace ground equipment. Inspects and identifies aircraft corrosion for prevention and repair. Reviews maintenance forms, aircraft records, automated maintenance data systems, and historical reports to ensure complete documentation. Inventories and maintains aircraft equipment.
4.2.4. Performs flight chief, production superintendent, expediter, crew chief, aero repair, and maintenance support functions. Coordinates maintenance plans and schedules to meet operational commitments. Supervises and assists in launching and recovering aircraft. Reviews maintenance data collection summaries to determine trends and production effectiveness. Performs crash recovery duties. Performs staff and supervisory management functions.

5. Skill and Career Progression. Adequate training and timely progression from the apprentice to the superintendent skill level play an important role in the Air Force's ability to accomplish its mission. It is essential for everyone involved in training to do their part to plan, manage, and conduct an effective training program. The guidance provided in this part of the CFETP will ensure each individual receives necessary training at appropriate points in their

career. The following narrative and AFSC 2A3X3A/B/J career field table identify skill/career progression.

5.1. **Apprentice (3) Level.** Following Basic Military Training, initial skills training will be provided in a resident course at the 82d Training Wing, Sheppard AFB, and flightline training at various follow-on locations. The courses will lay the foundation for additional training at the graduate's first duty assignment. Trainees will utilize the Career Development Course (CDC), task qualification training, and other exportable courses to progress in their career field. Once the trainer task certifies the trainee, the trainee may perform that task unsupervised.

5.2. **Journeyman (5) Level.** Once upgraded to the 5-level, the journeyman will enter into continuation training to broaden their experience base by increasing their knowledge and skill in troubleshooting and solving more complex problems. Five-levels may be assigned job positions such as aircraft dedicated crew chief, quality assurance, aero repair, and various staff positions. After having 48 months in the Air Force, 5-levels will attend Airman Leadership School (ALS) to enhance their Professional Military Education (PME). Five-levels will be considered for appointment as unit trainers. Individuals will use their CDCs to prepare for Weighted Airman Promotion testing. They should also consider continuing their education toward a Community College of the Air Force (CCAF) degree.

5.3. **Craftsman (7) Level.** A craftsman can expect to fill various supervisory and management positions such as expediter, shift leader, element chief, flight chief, task certifier, and various staff positions. Exportable MDS specific courses and MAJCOM/unit directed courses are also available. Seven-levels should take courses or obtain added knowledge of management of resources and personnel. Continued academic education through CCAF and higher degree programs is encouraged. In addition, when promoted to TSgt, individuals will attend the Noncommissioned Officer Academy.

5.4. **Superintendent (9) Level.** A 9-level can be expected to fill positions such as flight NCOIC, production supervisor, and various staff NCOIC jobs. Additional training in the areas of budget, manpower, resources, and personnel management should be pursued through continuing education. Individuals promoted to SMSgt will attend the Senior Noncommissioned Officer Academy. Additional higher education and completion of courses outside their career AFS is also recommended.

6. Training Decisions. This CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Fighter Aircraft Maintenance career field. The spectrum includes a strategy for when, where, and how to meet these training requirements. The strategy ensures we develop affordable training, eliminate duplication and prevent a fragmented approach to training. Training decisions were based on Utilization and Training Workshops (U&TW) held February through August 2002 at Sheppard AFB.

6.1. **Initial Skills.** Training consists of a fighter commons course (Atch 2) and specific follow-on courses. Commons training consists of maintenance fundamentals, principles of flight, general aircraft systems, use of hand tools and technical orders, and operation/use of support equipment. After commons, students enter aircraft specific training at Sheppard AFB and receive expanded aircraft systems and task certification training on selected tasks. After training at Sheppard, students proceed to a “Hot” location (active flightline). They receive certification training on various flightline tasks such as launch and recovery, inspections, and servicing. This results in the award of the apprentice skill level. The specific training accomplished is shown in attachments 3 thru 8 in Part II of the CFETP. The MRA program is designed to certify basic

students to the "3c" level on selected aircraft specific tasks at the technical school so they will be productive immediately upon arrival at their first duty section. A task-certified apprentice means the individual can complete the task utilizing tech data, but may not meet local standards for speed. AETC instructors will document and certify the tasks (from the CFETP Qualitative Requirements) trained to the 3c proficiency level. *It is highly recommended that MRA students be placed on the flightline since the majority of their technical school training is flightline related.*

6.2. **Five Level Upgrade Requirements.** The U&TW participants agreed to maintain MDS-specific CDCs for 5-level upgrade.

6.3. **Seven Level Upgrade Requirements.** The U&TW representatives were briefed on the aircraft maintenance generic 7-level management CDCs. One CDC volume will be developed for each MDS. This will, including management CDCs, create a 5-volume base for 7-level upgrade training.

6.4. **Continuation Training.** Any additional knowledge and skill requirements, which were not taught through initial or upgrade training, are assigned to unit training or Training Detachments. The purpose of the continuation training program is to provide additional training exceeding minimum upgrade training requirements with emphasis on present and future duty positions. MAJCOMs must develop a proficiency training program that ensures individuals in the Fighter Aircraft Maintenance career field receive the necessary training at the appropriate point in their career. The program will identify both mandatory and optional training requirements.

7. Community College of the Air Force. Enrollment in CCAF occurs upon completion of basic military training. CCAF provides the opportunity to obtain an Associates in Applied Sciences Degree. In addition to its associates degree program, CCAF offers the following:

7.1. **Occupational Instructor Certification.** Upon completion of instructor qualification training, consisting of the Basic Instructor Course (BIC) and supervised practice teaching, CCAF instructors who possess an associates degree or higher may be nominated by their school commander/commandant for certification as an occupational instructor.

7.2. **Trade Skill Certification.** When a CCAF student separates or retires, a trade skill certification is awarded for the primary occupational specialty. The College uses a competency based assessment process for trade skill certification at one of four proficiency levels: Apprentice, Journeyman, Craftsman/Supervisor, or Master Craftsman/Manager. All are transcribed on the CCAF transcript.

7.3. **Degree Requirements.** All airmen are automatically entered into the CCAF program. Prior to completing an associate's degree, the 5-level must be awarded and the following requirements must be met:

	Semester Hours
Technical Education	24
Leadership, Management, and Military Studies	6
Physical Education	4
General Education	15
Program Elective (Technical Education; Leadership, Management, and Military Studies; or General Education)	15
Total	64

7.3.1. **Technical Education** (24 Semester Hours): Completion of the 2A3X3 aircraft specific courses (see course listing below) satisfies some semester hours of the technical education requirements. A minimum of 12 semester hours of Technical Core subjects/courses must be applied and the remaining semester hours applied from Technical Core/Technical Elective courses.

Course	Semester Hours
J3AQR2A333A 002 (F-15)	29
J3ABP2A333A 004 (F-15)	6
J3AQR2A333B 002 (F-16)	31
J3ABP2A333B 007 (F-16)	6
J3ABP2A333B 005 (F-117)	9
J3AQR2A333E 002 (A-10)	24
J3ABP2A333E 004 (A-10)	6
J3AQR2A333H 000 (U-2)	6
J3ABP2A333H 005 (U-2)	14

NOTE: Semesters hours listed are subject to change based on course revisions. CCAF will provide current number of semester hours awarded for all courses.

7.3.2. **Leadership, Management, and Military Studies** (6 Semester Hours): Professional military education and/or civilian management courses.

7.3.3. **Physical Education** (4 Semester Hours): This requirement is satisfied by completion of Basic Military Training.

7.3.4. **General Education** (15 Semester Hours): Applicable courses must meet the criteria for application of courses to the General Education Requirements (GER) and be in agreement with the definitions of applicable General Education subjects/courses as provided in the CCAF General Catalog.

7.3.5. **Program Elective** (15 Semester Hours): Satisfied with applicable Technical Education; Leadership, Management, and Military Studies; or General Education subjects/courses, including natural science courses meeting GER application criteria. Six semester hours of CCAF degree applicable technical credit otherwise not applicable to this program may be applied. See the CCAF General Catalog for details regarding the Associates of Applied Science for this specialty.

7.4. **AETC Instructor Requirements**: Additional off-duty education is a personal choice that is encouraged for all. Individuals desiring to become an Air Education and Training Command Instructor should be actively pursuing an associate's degree. A degreed faculty is necessary to maintain accreditation through the Southern Association of Colleges and Schools.

8. Career Development Table

8.1. Enlisted Career Path.

Table A8.1. Enlisted Career Path				
Education and Training Requirements	**Grade Requirements**			
	Rank	Average Sew-On	Earliest Sew-On	High Year Of Tenure (HYT)
Basic Military Training School				
Apprentice Technical School (3-Skill Level)	Amn A1C	6 months 16 months		
Upgrade To Journeyman (5-Skill Level) - Minimum 15 months on-the-job training. - Complete all 5 level core tasks on one MDS. - Complete appropriate CDC if/when available.	Amn A1C SrA	6 months 16 months 3 years	28 months	12 years
Airman Leadership School (ALS) - Must be a SrA with 48 months time in service or be a SSgt selectee. - Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only).				
Trainer - Qualified and certified to perform the task to be trained. - Have attended the formal trainer's course and appointed in writing by Commander.	**Certifier** - Be at least a 5-skill level SSgt; and qualified and certified to perform the task being certified. - Attend formal certifier course and appointed in writing by Commander. - Be a person other than the trainer.			
Upgrade To Craftsman (7-Skill Level) - Minimum rank of SSgt. - Complete all 5- and 7-level core tasks on one MDS. - 12 months OJT. - Complete appropriate CDC if/when available. - Advanced Technical School.	SSgt	7.5 years	3 years	20 Years
Noncommissioned Officer Academy (NCOA) - Must be a TSgt or TSgt selectee. - Resident graduation is a prerequisite for MSgt sew-on (Active Duty Only).	TSgt MSgt	12.5 years 16 years	5 years 8 years	24 Years 26 Years
USAF Senior NCO Academy (SNCOA) - Must be a SMSgt or SMSgt selectee. - A percentage of top nonselect (for promotion to E-8) MSgts attend the SNCOA each year. - Resident graduation is a prerequisite for CMSgt sew-on (Active Duty Only).	SMSgt	19.2 years	11 years	28 Years
Upgrade To Superintendent (9-Skill Level) - Minimum rank of SMSgt. - Must be a resident graduate of SNCOA (Active Duty Only).	CMSgt	21.5 years	14 years	30 Years

8.2. **Education and Training Manager Checklist:**

Table A8.2. Base Education and Training Manager Checklist		
Requirements for Upgrade to:	**Y**	**N**
Journeyman - Has the apprentice completed mandatory CDCs, if available? - Has the apprentice completed all 5-level core tasks on one MDS aircraft identified in the CFETP? - Has the apprentice completed all other duty position tasks identified by the supervisor? - Has the apprentice completed 15 months upgrade training (9 months for retrainees)? - Has the apprentice met mandatory requirements listed in specialty description, AFMAN 36-2108 (Airman Classification), and CFETP? - Has the apprentice been recommended by their supervisor?		
Craftsman - Has the journeyman achieved the rank of SSgt? - Has the journeyman completed mandatory CDCs, if available? - Has the journeyman completed all 5- and 7-level core tasks on one MDS identified in the CFETP? - Has the journeyman completed all other duty position tasks identified by the supervisor? - Has the journeyman attended 7-skill level Craftsman Course (if available)? First, they must complete: -- All 5- and 7-skill level core and duty position training requirements listed in the CFETP. -- All applicable mandatory CDCs and/or exportable courses. -- A minimum of 12 months UGT (6 months for retrainees).		

TO: Squadron/CC

FROM: Squadron Training Manager

SUBJECT: Upgrade _____(Trainee Name)

Trainee is prepared to be upgraded and has completed all mandatory training requirements. Supervisor recommends upgrade.

_____ _____

Training Manager Supervisor

Section C - Skill Level Training Requirements

9. Purpose. Skill level training requirements in the 2A3X3A/B/J career fields are defined in terms of tasks and knowledge requirements. This section outlines the specialty qualification requirements for each skill level in broad, general terms and establishes the mandatory requirements for entry, award and retention of each skill level. The specific task and knowledge training requirements are identified in the STS at Part II, Sections A and B of this CFETP.

10. Training Requirements:

10.1**. Apprentice Level Training:**

10.1.1. **Specialty Qualification.**

10.1.1.1. **Knowledge**. Knowledge is mandatory of: principles applying to aircraft systems; concepts and application of maintenance directives and data reporting; using technical data; Air Force supply and deficiency reporting procedures; and proper handling, use, and disposal of hazardous waste and materials.

10.1.1.2. **Education**. For entry into this specialty, completion of high school is desirable with courses in physics, hydraulics and electronics.

10.1.1.3. **Training**. For award of AFSC 2A333A/B/E/H, completion of a suffix specific basic aircraft maintenance course is mandatory.

10.1.1.4. **Experience.** None

10.1.1.5. **Other**. For entry into this specialty, normal color vision as defined in AFI 48-123, *Medical Examination and Standards*, is mandatory. For award and retention of AFSC 2A333A/B/E, eligibility for a Secret security clearance according to AFI 31-501 is mandatory.

10.1.2. **Training Sources and Resources.** The 3-level initial skills course will provide the required knowledge, qualification, and if applicable certification. Training will focus on increasing "hands-on" time with task performance as the learning foundation. This strategy allows current weapon system specific training to be included in the initial skills course. Initial skills training consists of aircraft principles, system theory and operation, system components, component removal and installation, introduction to maintenance concepts, general flightline maintenance practices, use of technical publications, maintenance documentation, and AGE/SE equipment familiarization and use.

10.1.3. **Implementation.** Upon graduation from Basic Military Training (BMT) completion of the applicable courses are required:

Fighter Aircraft Maintenance Apprentice (F-15) J3AQR2A333A 003/ J3ABP2A333A 004
Fighter Aircraft Maintenance Apprentice (F-16) J3AQR2A333B 003/ J3ABP2A333B 007
Fighter Aircraft Maintenance Apprentice (F-117) J3AQR2A333B 003/J3ABP2A333B 005
Fighter Aircraft Maintenance Apprentice (A-10) J3AQR2A333E 002/ J3ABP2A333E 004
Fighter Aircraft Maintenance Apprentice (U-2) J3AQR2A333H 000/ J3ABP2A333H 005

These combinations satisfy the knowledge and training resource requirements for award of the 3-skill level. The AQR courses are conducted at Sheppard AFB while the AFSC awarding courses are taught at various follow-on locations.

10.2. **Journeyman Level Training:**

10.2.1 **Specialty Qualification.**

10.2.1.1. **Knowledge.** In addition to the 3-level qualifications, a 5-skill level must possess the knowledge and skills necessary to maintain fighter aircraft. A 5-level must be task qualified on inspecting aircraft and associated systems, analyzing and correcting system malfunctions,

repairing and replacing aircraft system components, operational checks, and use and maintenance of test and support equipment.
10.2.1.2. **Education.** There are no additional education requirements beyond those defined for the apprentice level. However, completion of a CCAF degree is desirable.
10.2.1.3. **Training.** For award of AFSC 2A353A/B/J, the 5-level CDC provides the career knowledge training required. Qualification training and OJT will provide training and qualification on the core tasks identified in the STS. The CDC is written to build from the trainee's current knowledge base, and provides more in-depth knowledge to support OJT requirements.
10.2.1.4. **Experience.** Qualification in and possession of AFSC 2A333A/B/E/H. Also, experience in functions such as repairing and maintaining aircraft or related installed equipment.
10.2.1.5. **Other.** For entry into this specialty, normal color vision as defined in AFI 48-123 is mandatory. For award and retention of AFSC 2A353A/B/J, eligibility for a Secret security clearance according to AFI 31-501 is mandatory.
10.2.2. **Training Sources and Resources.** A minimum of 15 months on-the-job training, completion of the 2A353A/B/J CDC and 5-level core tasks represent the resources needed for award of the 5-skill level.
10.2.3. **Implementation.** Training to the 5-level is performed by the units utilizing STS, exportable courses, and CDCs. Upgrade to the 5-level requires completion of the 2A353A/B/J CDCs, completion of all core tasks on one MDS aircraft, and 15 months upgrade training.
10.3. **Craftsman Level Training:**
10.3.1 **Specialty Qualification.**
10.3.1.1. **Knowledge.** In addition to the 5-level qualifications, an individual must possess advanced skills and knowledge of theory, concepts, principles and application of fighter aircraft systems. The 7-level must be able to supervise and train personnel to maintain aircraft systems. They must be able to plan, schedule, and organize maintenance to ensure effective utilization of available resources. Qualification is required on advanced repair, inspection, troubleshooting, and diagnostic techniques.
10.3.1.2. **Education.** There are no additional education requirements beyond those defined for the apprentice level. However, completion of a CCAF degree is desirable.
10.3.1.3. **Training.** Completion of mandatory CDCs, 7-level core tasks, and resident 7-level course are mandatory for upgrade to 2A373A/B/J.
10.3.1.4. **Experience.** Qualification in and possession of AFSC 2A353A/B/J. Also, experience performing or supervising functions such as installing, inspecting, repairing, or overhauling aircraft structures, systems, and components.
10.3.1.5. **Other.** For entry into this specialty, normal color vision as defined in AFI 48-123 is mandatory. For award and retention of AFSC 2A373A/B/J, eligibility for a Secret security clearance according to AFI 31-501 is mandatory.
10.3.2. **Training Sources and Resources.** Completion of the appropriate J3ACR2A373A/B/J course at Sheppard AFB Texas, completion of CDCs 2AX7X and 2A373, along with supervisor certification of Air Force directed core tasks represent the resources required for award of the 7-skill level.
10.3.3. **Implementation.** Upgrade to the 7-level will require completion of all AF core tasks, 12 months OJT, completion of the 7-level CDCs and resident 7-level course at Sheppard AFB Texas. Completion of AF core tasks, 7-level CDCs, and 12 months OJT as a SSgt (6 months for retrainee) should be completed before attending the resident course.

10.4. **Superintendent Level Training:**
10.4.1 **Specialty Qualification.**
10.4.1.1. **Knowledge.** Knowledge is mandatory of: electrical and mechanical principles applying to aircraft and SE; concepts and application of maintenance directives; maintenance data reporting; interpreting and use of maintenance data reports and technical orders; Air Force supply and deficiency reporting procedures; resource management; and proper handling, use, and disposal of hazardous waste and materials.
10.4.1.2. **Education.** There are no additional education requirements beyond those defined for the apprentice level. However, completion of a CCAF degree is desirable.
10.4.1.3. **Training.** For award of AFSC 2A390, completion of Senior NCO Academy in residence, and unit OJT is mandatory. SNCO Correspondence course may be substituted for in residence for the Air National Guard and Air Force Reserve.
10.4.1.4. **Experience.** For award of AFSC 2A390, qualification in and possession of AFSC 2A371, 2A372, or 2A373X is mandatory. Also, experience is mandatory managing or directing functions such as inspecting or maintaining aircraft and SE.
10.4.1.5. **Other.** Not used.
10.4.2. **Training Sources/Resources.** Instruction received at the Senior NCO Academy and duty position qualification represent the required resources for upgrade to the 9-skill level.
10.4.3. **Implementation.** The 9-level will be awarded after completing MAJCOM requirements, unit OJT, and promotion to SMSgt. Individuals will attend the Senior NCO Academy after they are selected for promotion to SMSgt. SNCO Correspondence course may be substituted for in residence for the Air National Guard and Air Force Reserve.

Section D - Resource Constraints

11. Purpose. This section identifies known resource constraints that preclude optimal/desired training from being developed or conducted, including information such as cost and manpower. Narrative explanations of each resource constraint and an impact statement describing what effect each constraint has on training are included. Also included in this section are actions required, office of primary responsibility, and target completion dates. Resource constraints will be, as a minimum, reviewed and updated annually.

12. Apprentice Level Training: There are no 3-level constraints.

13. Five-Level Training: There are no 5-level constraints.

14. Seven-Level Training: There are no 7-level constraints.

Section E. - Transitional Training Guide.

15. U&TW Transition Training Plan (TTP) and Implementation Plan (IP):
15.1. The following is the TTP developed at the U&TW for career field changes due to merger of the F-16/F-15/A-10 fighter crew chief career fields at the 7-level:
15.1.1. October 2003: Merge career fields at 7-level

15.1.2. To Be Determined: All 7-levels will test on combined SKT.

15.2. The following is the IP developed at the U&TWs:

15.2.1. February 2003: Coordinate CFETP with MAJCOMs	OPR: 362 TRS
15.2.2. March 2003: Revised AFMAN 36-2108 to AFPC	OPR: HQ USAF/ILMM
15.2.3. June 2003: Approval of CFETP	OPR: HQ USAF/ILMM
15.2.4. August 2003: Revised 3-level courses activate	OPR: 362 TRS
15.2.5. December 2003: Publish 2A353B CDC	OPR: 362 TRS
15.2.6. December 2003: Publish 2A353J CDC	OPR: 362 TRS
15.2.7. March 2004: Publish 2A373 CDC	OPR: 362 TRS

Part II

Section A - Specialty Training Standard (STS)

1. Implementation. This STS will be used for technical training provided by AETC for classes beginning in August 2003.

2. Purpose. As prescribed in AFI 36-2201, this STS:
2.1. Lists in the column 1 (Task, Knowledge, and Technical Reference) the most common tasks, knowledge, and technical references (TR) necessary for airman to perform duties in the 3-, 5-, and 7-skill level. All task/knowledge items taught in the initial skills courses are also trained in resident wartime courses. The 7 level course is not taught in wartime.
2.2. Column 2 (Core Tasks) identifies, by asterisk (*), specialty-wide training requirements. Core tasks identified by an */R are optional for AFRC and ANG. MAJCOM Functional Managers, commanders, and supervisors may designate additional core tasks as necessary. When designated, certify these core tasks using normal core task certification procedures. As a minimum, certification on all shop/flightline core tasks applicable to one Mission Design Series (MDS) aircraft assigned must be completed for skill level upgrade. Core task exemptions: (1) core tasks which are not applicable to base assigned aircraft or equipment are not required for upgrade (units are not required to send personnel TDY for core task training); (2) units are not exempt from minimum core task training if aircraft/equipment are assigned to another unit on base, and (3) core tasks on more than one assigned MDS are not required unless deemed mandatory by the MFM, unit, and/or supervisor.
2.3. Provides certification for OJT. Column 3 is used to record completion of tasks and knowledge training requirements. Use automated training management systems to document technician qualifications, if available. Task certification must show a certification/completed date.
2.4. Shows formal training and correspondence course requirements. Column 4 shows the proficiency to be demonstrated on the job by the graduate as a result of training on the task/knowledge and the career knowledge provided by the correspondence course. When two codes are used in column 4 (e.g. 2b/b), the first code is the established requirement for resident training on the task/knowledge, and the second code indicates the level of training provided in the course due to equipment shortages or other resource constraints.
2.5. **Qualitative Requirements:** Attachment 1 contains the proficiency code key used to indicate the level of training and knowledge provided by resident training and CDCs.
2.6. **Job Qualification Standard:** Becomes a job qualification standard (JQS) for on-the-job training (OJT) when placed in AF Form 623, On-The-Job Training Record, and used according to AFI 36-2201, Volume 3, *Air Force Training Program On the Job Training Administration.* For OJT, the tasks in column 1 are trained and qualified to the go/no go level. "Go" means the individual can perform the task without assistance and meets local requirements for accuracy, timeliness, and correct procedures. When used as a JQS, the following requirements apply:
2.6.1. **Documentation:** Document training IAW AFI 36-2201, Volume 3. Automated records, utilizing Core Automated Maintenance System (CAMS) or Integrated Maintenance Data System (IMDS)/ Global Combat Support System (GCSS), reflecting this STS may be used and are highly encouraged. MAJCOMS may designate additional core tasks other than those already

identified in the CFETP. The entire CFETP must be filed in individual records. There are no approved AFJQS for this AFSC.

2.6.1.1. **Certification:** Certify training IAW AFI 36-2201, Volume 3. Identify duty position requirements by circling (in pencil) the subparagraph number next to the task statement. As a minimum, complete the following columns: Training start date, date training completed, trainee initials, trainer initials, and certifier initials (core tasks only). Trainers may sign off non-core and non-critical tasks by initialing the trainer's column; third party certification is not required for non-core and non-critical tasks.

2.6.1.2. **Converting from Old Document to CFETP:** Transcribe records IAW AFI 36-2201, Volume 3. All AFJQSs and previous CFETPs are replaced by this CFETP; therefore, conversion of all training records to this CFETP STS is mandatory. Automated records reflecting this STS may be used and are highly encouraged. Use this CFETP STS (or automated STS) to identify and certify all past and current qualifications. For core/critical tasks previously certified and required in the current duty position, evaluate current qualifications and, when verified, recertify using current date as completion date and trainee, and certifier initials (the trainer's initials are not required). For non-core and non-critical tasks only the trainer and trainee initials are required. For previously certified tasks not required in the current duty position, carry forward ***only*** the previous completion date. If and when these tasks become a duty position requirement, recertify using standard certification procedures. The person whose initials appear in the trainer or certifier's block must meet the requirements of their respective roles. Return all old training records and contents to the trainee to retain for historical data.

2.6.1.3. **Documenting Career Knowledge:** When a CDC is not available: the supervisor identifies CFETP Part II training references that the trainee requires for career knowledge and ensures, as a minimum, that trainees cover the mandatory items in AFMAN 36-2108. For two-time CDC course exam failures: supervisors identify all Part II items corresponding to the areas covered by the CDC. The trainee completes a study of references, undergoes evaluation by the task certifier, and receives certification on the CFETP Part II. Supervisors must document successful completion of career knowledge prior to submitting a CDC waiver.

2.6.1.4. **Decertification and Recertification:** When a supervisor determines an airman is unqualified on a task previously certified for their duty position, the supervisor erases the previous certification, or deletes certification when using an automated system. Appropriate remarks pertaining to the reason for decertification are entered on the AF Form 623a. The individual is recertification (if required) following procedures for initial certification. Additional guidance can be found in AFI 36-2201, Volume 3.

2.6.2. **AF Form 797:** When additional items not listed in the CFETP Part II are necessary in the current duty assignment, enter them on the AF Form 797. Fill out the form IAW AFI 36-2201, Volume 3.

2.6.3. **Disposition of Training Records:** Upon separation, retirement, commissioning, or promotion to Master Sergeant (unless otherwise directed by the AFCFM, MAJCOM, unit commander, or supervisor), give the individual their training records. Also, give individuals outdated training records after transcribing records. Do not remove any training records that show past qualifications unless transcribed to a new CFETP/AFJQS. For example, an individual working in a tool crib or staff position must maintain documented career field qualifications in case they return to direct maintenance duty in the shop. Supervisors must exercise good judgment when removing training records not needed in current duty positions.

2.7. Specialty Knowledge Tests (SKTs) are developed at the USAF Occupational Measurement Squadron by senior NCOs with extensive practical experience in their career fields. The tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the WAPS catalog. WAPS is not applicable to the Air National Guard or Air Force Reserve.

3. Graduate Assessment Survey: Graduate Assessment Surveys are used by AETC training squadrons as feedback on initial skills courses. This document allows the supervisor of a technical training graduate to rate that person based on four areas; (1) graduate's attitude and adherence to military standards, (2) graduate's ability to perform at the apprentice level as defined in the CFETP, (3) how well the apprentice job requirements in the CFETP meet the job requirements in your workplace, and (4) whether the supervisor received graduate's training report card (AETC Form 156). There is also space for supervisor's comments and a rating scale that shows how to rate the questions on the document. Personnel from the technical training courses will contact supervisors of any graduate who is rated Below Satisfactory or Well Below Satisfactory. These surveys and the training squadron's reply are reviewed by Training Squadron/Group Commanders and the AFCFM.

4. Recommendations. Report unsatisfactory performance of individual course graduates to the AETC training manager at 372 TRS, 912 I Ave, Sheppard AFB TX, 76311-2361, DSN 736-4781. Reference specific STS paragraphs. A customer service information line has been installed for the supervisor's convenience to identify graduates who may have received training on task/knowledge items listed in this training standard. For a quick response to problems, call our customer service information line, DSN 736-5236.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

MICHAEL E. ZETTLER, Lieutenant General, USAF
DCS/Installations and Logistics

10 Attachments
1. Proficiency Code Key
2. STS 2A3X3A/B/J, Commons Aircraft Qualitative Requirements
3. STS 2A3X3A, F-15 Aircraft Qualitative Requirements
4. STS 2A3X3B, F-16 Aircraft Qualitative Requirements
5. STS 2A3X3J, A-10 Aircraft Qualitative Requirements
6. STS 2A3X3B, F-117 Aircraft Qualitative Requirements
7. STS 2A3X3J, U-2 Aircraft Qualitative Requirements
8. STS 2A3X3J, UAV (RQ-1) Aircraft Qualitative Requirements
9. STS 2A333 Course Matrix
A. STS 2AX7X, Aerospace Maintenance Craftsman

PROFICIENCY CODE KEY

Name Of Trainee		
Printed Name (*Last, First, Middle Initial*)	Initials (Written*)*	SSAN
Printed Name Of Training/Certifying Official And Written Initials		
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	
N/I	***N/I***	

PROFICIENCY CODE KEY

QUALITATIVE REQUIREMENTS

Proficiency Code Key		
	Scale Value	Definition: The individual
Task Performance Levels	1	**IS EXTREMELY LIMITED** (Can do simple parts of the task. Needs to be told or shown how to do most of the task.)
	2	**IS PARTIALLY PROFICIENT** (Can do most parts of the task. Needs only help on hardest parts.)
	3	**IS COMPETENT** (Can do all parts of the task. Needs only a spot check of completed work.)
	4	**IS HIGHLY PROFICIENT** (Can do the complete task quickly and accurately. Can tell or show others how to do the task.)
*Task Knowledge Levels	a	**KNOWS NOMENCLATURE** (Can name parts, tools, and simple facts about the task.)
	b	**KNOWS PROCEDURES** (Can determine step by step procedures for doing the task.)
	c	**KNOWS OPERATING PRINCIPLES** (Can identify why and when the task must be done and why each step is needed.)
	d	**KNOWS ADVANCED THEORY** (Can predict, isolate, and resolve problems about the task.)
**Subject Knowledge Levels	A	**KNOWS FACTS** (Can identify basic facts and terms about the subject.)
	B	**KNOWS PRINCIPLES** (Can identify relationship of basic facts and state general principles about the subject.)
	C	**KNOWS ANALYSIS** (Can analyze facts and principles and draw conclusions about the subject.)
	D	**KNOWS EVALUATION** (Can evaluate conditions and make proper decisions about the subject.)

Explanations

* A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: b and 1b)

** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.

- This mark is used alone instead of a scale value to show that no proficiency training is provided in the courses or CDCs.

/ This mark is used in course columns along with proficiency codes to show that training is required but not given due to limitations in resources (3c/b, 2b/b, 2b/- etc.).

Note: All tasks and knowledge items taught in the initial skills course are trained during war time. The 7 level course is not taught in wartime.

COMMONS AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
NOTE 1: Use this attachment in conjunction with the appropriate MDS attachment.											
NOTE 2: All task/knowledge taught in the initial skills course are trained in the resident wartime courses. The resident 7-level course is not taught during wartime.											
NOTE 3: Items in column 2 marked with an asterisk (*) are the core tasks for either the 5 or 7 skill level and are required for upgrade. Items marked with an (*/R) are not required by AFRC and ANG for upgrade.											
A2.1. CAREER LADDER INFORMATION TR: AFM 36-2108, AFI 21-101											
A2.1.1. Accountability and core values								-	-	-	-
A2.1.2. Mobility								-	-	-	-
A2.1.3. Progression in career ladder 2A3X3								A	-	-	-
A2.1.4. Duties of AFSC 2A3X3								A	-	-	-
A2.2. OPERATIONS SECURITY (OPSEC) VULNERABILITY OF AFSC 2A3X3 TR: AFI 10-1101								A	-	-	-
A2.3. AF OCCUPATIONAL SAFETY AND HEALTH (AFOSH) PROGRAM TR: Applicable AFOSH Standards; Aircraft TO, AFI 91-301, AFI 21-101											
A2.3.1. Housekeeping consistent with safety of personnel and equipment								A	B	-	-
A2.3.2. Safety precautions pertaining to aircraft maintenance TR: AFOSH STD 91-100, TO 1-1-691											
A2.3.2.1. Engine air intake and exhaust								A	B	-	-
A2.3.2.2. High intensity sound								A	B	-	-
A2.3.2.3. Turbine plane of rotation								A	B	-	-
A2.3.2.4. Radio frequency radiation								A	B	-	-
A2.3.2.5. Ground handling of aircraft TR: AFI 11-218, TO 00-25-172								A	B	-	-
A2.3.2.6. Hot brakes								A	B	-	-
A2.3.2.7. Use of tools and equipment								A	B	-	-
A2.3.2.8. Servicing aircraft systems TR: TO 00-25-172								A	B	-	-
A2.3.2.9. Cleaning agents								A	B	-	-

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A2.3.2.10. Solvents								A	B	-	-
A2.3.2.11. Lubricants								A	B	-	-
A2.3.2.12. High pressure gases								-	-	-	-
A2.3.2.13. Aircraft explosive equipment								-	-	-	-
A2.3.2.14 Composite Materials								A	-	-	-
A2.3.3. Portable ground fire extinguishers AFI 32-2001, TO 00-25-172											
A2.3.3.1. Perform pre-use inspection								2b	B	-	-
A2.3.3.2. Position								b	B	-	-
A2.3.3.3. Operate								b	-	-	-
A2.3.4. Foreign Object Damage (FOD) Prevention Program TR: AFI 21-101								A	A	-	-
A2.3.5. Dropped Object Prevention Program								-	A	-	-
A2.3.6. Hazardous chemicals TR: AFOSH Std 161-21, AFOSH 91 Series											
A2.3.6.1. Use								A	B	-	-
A2.3.6.2. Disposal								A	B	-	-
A2.3.6.3. Hazard Communication Training Program								A	-	-	-
A2.3.6.4. Hazardous material handling procedures								-	-	-	-
A2.4. MAINTENANCE DIRECTIVES, INSTRUCTIONS AND REFERENCES TR: AFI 37-160 v1, AFI 21-3, TOs 00-5-1, 00-5-2, 00-20 Series											
A2.4.1. TO system								A	B	-	-
A2.4.2. Air Force manuals and instructions								A	B	-	-
A2.4.3. Use technical publications	*							2b	-	-	-
A2.4.4. Technical Order Improvement Reporting								-	B	-	-
A2.4.5. Technical order management								-	-	-	-
A2.4.6. Analyze maintenance practices								-	-	-	-
A2.4.7. Analyze maintenance priorities								-	-	-	-

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A2.5. SUPERVISION TR: AFI 21-101											
A2.5.1. Plan maintenance								-	-	-	-
A2.5.2. Schedule maintenance and personnel								-	-	-	-
A2.5.3. Supervise personnel accomplishing maintenance								-	-	-	-
A2.5.4. Establish											
A2.5.4.1. Work methods								-	-	-	-
A2.5.4.2. Work controls								-	-	-	-
A2.5.4.3. Performance standards								-	-	-	-
A2.5.5. Evaluate work performance of subordinate personnel TR: AFI 36-2403								-	-	-	-
A2.5.6. Participate in USAF Graduate Evaluation Program TR: AFI 36-2201								-	-	-	-
A2.6. TRAINING TR: AFI 36-2201											
A2.6.1. Evaluate personnel for training								-	-	-	-
A2.6.2. Plan and supervise OJT											
A2.6.2.1. Prepare job qualification standards								-	-	-	-
A2.6.2.2. Counsel trainees on training progress								-	-	-	-
A2.6.2.3. Monitor effectiveness of											
A2.6.2.3.1. Career knowledge upgrade training								-	-	-	-
A2.6.2.3.2. Position qualification training								-	-	-	-
A2.6.3. Specialty Training											
A2.6.3.1. Training management and training records								-	-	-	-
A2.6.3.2. Document training records								-	A	B	-
A2.6.3.3. Career Field Education and Training Plan (CFETP)								-	A	-	-
A2.6.3.4. Specialty Training Standard (STS)								-	-	-	-
A2.6.3.5. Occupational Survey Report (OSR)								-	-	-	-

COMMONS AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A2.6.3.6. Utilization and Training Workshop (U&TW)								-	-	-	-
A2.6.3.7. Training Request								-	-	-	-
A2.6.4. Evaluate effectiveness of training programs								-	-	-	-
A2.6.5. Recommend personnel for training TR: Education and Training Course Announcement (ETCA) website, AFI 36-2101, AFM 36-2108, AFI 10-204								-	-	-	-
A2.6.6. OJT trainer requirements											
A2.6.6.1. Prepare teaching outlines on task breakdowns								-	-	-	-
A2.6.6.2. Provide trainees theory and train on actual equipment								-	-	-	-
A2.6.6.3. Provide feedback on training provided								-	-	-	-
A2.6.7. OJT task certifier requirements											
A2.6.7.1. Develop methods of evaluation to determine trainee knowledge/ qualification, and training effectiveness								-	-	-	-
A2.6.7.2. Use appropriate methods of evaluation and effectively determine trainee's ability								-	-	-	-
A2.6.7.3. Provide supervision and trainer feedback on results of training provided and trainee's strengths/weakness								-	-	-	-
A2.7. MAINTENANCE MANAGEMENT TR: AFI 21-101, AFI 21-118											
A2.7.1. Basic functions within maintenance								A	B	-	-
A2.7.2. Operations/Maintenance Group Commander responsibilities								-	-	-	-
A2.7.3. Aircraft maintenance management information systems								-	-	-	-
A2.7.4. Aircraft status monitoring								-	-	-	-
A2.7.5. Logistics maintenance management								-	-	-	-
A2.7.6. Base resource functions/interactions								-	-	B	-

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A2.7.7.	Processing and controlling material								-	-	-	-
A2.7.8.	Resource management								-	B	-	-
A2.7.9.	Compliance and Standardization Requirements Listing (CSRL)								-	-	-	-
A2.7.10.	Maintenance Quality Performance Measures (QPM) Relationships								-	-	-	-
A2.7.11.	Personnel management and interaction								-	-	B	-
A2.7.12.	Expediter, production supervisor, and flight chief duties and responsibilities								-	-	-	-
A2.7.13.	Budget management								-	-	-	-
A2.7.14.	Financial Plan (FIN Plan)								-	-	-	-
A2.7.15.	Due-In-From Maintenance (DIFM) Control TR: AFMAN 23-110, TO 00-20-3								-	A	B	-
A2.7.16.	Equipment account management								-	-	B	-
A2.7.17.	Maintenance accountability								-	-	C	-
A2.7.18.	Maintenance incident investigation and prevention TR: AFI 91-202 AFI 91-204								-	-	C	-
A2.8.	**MAINTENANCE DATA COLLECTION (MDC) SYSTEM TR: AFI 21-101, AFCSM 21- Series, TO 00-20 Series**											
A2.8.1.	MDC Fundamentals								A	B	-	-
A2.8.2.	Automated maintenance systems								-	-	-	-
A2.8.3.	Aircraft and supporting maintenance records											
A2.8.3.1.	Purpose								A	B	-	-
A2.8.3.2.	Automated Forms								A	-	-	-
A2.8.3.3.	Document AFTO Form 781H	*							3c	-	-	-
A2.8.3.4.	Document AFTO Form 781A	*							3c	-	-	-
A2.8.3.5.	Document AFTO Form 781J	*							3c	-	-	-
A2.8.3.6.	Document AFTO Form 781K	*							3c	-	-	-

COMMONS AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A2.8.3.7. Document AFTO Form 781C								-	-	-	-
A2.8.3.8. Document AFTO Form 781F								-	-	-	-
A2.8.3.9. Document DD Form 2026 (JOAP)	*							2b	-	-	-
A2.8.3.10. Document AFTO Form 93 (Do not apply to F100-PW-220/229)								-	-	-	-
A2.8.3.11. Document AFTO Form 241								-	-	-	-
A2.8.3.12. Document AFTO Form 244								a	-	-	-
A2.8.3.13. Document AFTO Form 349								-	-	-	-
A2.8.3.14. Document AFTO Form 350								1b	-	-	-
A2.8.4. Core Automated Maintenance System (CAMS)											
A2.8.4.1. Purpose								A	B	-	-
A2.8.4.2. Job data documentation (JDD)											
A2.8.4.2.1. Purpose								A	-	-	-
A2.8.4.2.2. Access JDD								2b	-	-	-
A2.8.4.2.3. Create maintenance event	*							2b	-	-	-
A2.8.4.2.4. Defer maintenance event	*							2b	-	-	-
A2.8.4.2.5. Schedule maintenance event	*							2b	-	-	-
A2.8.4.2.6. Close maintenance event	*							2b	-	-	-
A2.8.5. Product Quality Deficiency Reporting (PQDR) TR: TO 00-35D-54								-	B	-	-
A2.8.6. Product Improvement Working Groups (PIWG), Technical Improvement Product Working Groups (TIPWG), System Training Plan (STP), and Program Management Review (PMR)								-	-	-	-
A2.8.7. Aircraft Battle Damage Repair (ABDR) TR: 1-1H-39								-	A	-	-
A2.8.8. Historical records								-	-	-	-
A2.8.9. Status reports								-	-	-	-
A2.8.10. Configuration management								-	-	-	-

COMMONS AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A2.8.11. Computers and computer usage											
A2.8.11.1. Using applications								-	-	-	-
A2.8.11.2. Operating systems								-	-	-	-
A2.8.11.3. Hardware								-	-	-	-
A2.8.11.4. Local Area Networks (LAN)								-	-	-	-
A2.9. MAINTENANCE MATERIALS AND TOOLS TR: TO 1-1A-8, 1-1A-14, 32 Series											
A2.9.1. Tool control								A	-	-	-
A2.9.2. Select and use special tools								-	-	-	-
A2.9.3. Select and use restraint harness								-	-	-	-
A2.9.4. Process TMDE equipment								-	-	-	-
A2.9.5. Hardware											
A2.9.5.1. Purpose								A	B	-	-
A2.9.5.2. Remove/inspect/install								2b	-	-	-
A2.9.6. Electrical connectors											
A2.9.6.1. Purpose								A	B	-	-
A2.9.6.2. Connect and disconnect								2b	-	-	-
A2.9.7. Securing devices											
A2.9.7.1. Purpose								A	B	-	-
A2.9.7.2. Install and remove								2b	-	-	-
A2.9.8. Lubricants								A	B	-	-
A2.9.9. Sealants								A	B	-	-
A2.9.10. Adhesives								A	B	-	-
A2.9.11. Cleaning agents TR: TO 1-1-691								A	B	-	-
A2.9.12. Hand tools TR: Applicable AFOSH Stds, TO 32-Series											
A2.9.12.1. Purpose								A	-	-	-

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A2.9.12.2. Select and use								2b	-	-	-
A2.9.13. Measuring tools TR: Applicable AFOSH Stds, TO 32-Series											
A2.9.13.1. Purpose								A	B	-	-
A2.9.13.2. Select and use ruler								2b	-	-	-
A2.9.13.3. Select and use thickness gauge								2b	-	-	-
A2.9.13.4. Use multimeter								-	B	-	-
A2.9.13.5. Use depth gauge								-	-	-	-
A2.9.13.6. Select and use torque wrench								2b	B	-	-
A2.10. RESPONSIBILITY FOR SUPPLY TR: AFM 23-110V2CD, TO 00-20-3 AFI 21-101, AFI 21-118											
A2.10.1. Maintenance supply concept								A	B	-	-
A2.10.2. Standard Base Supply System (SBSS)								-	-	-	-
A2.10.3. Obtain information for special requisition and turn-in slips								-	B	-	-
A2.10.4. Ordering parts								2b	B	-	-
A2.10.5. Priority system								-	-	-	-
A2.10.6. Preparing repairable and serviceable parts for turn-in								-	B	-	-
A2.10.7. Repair cycle assets								-	-	-	-
A2.10.8. Local manufacture of parts								-	-	-	-
A2.10.9. Supply documents management								-	-	-	-
A2.10.10. Status of Resources and Training (SORTS)								-	-	-	-
A2.10.11. Classified asset handling								-	-	-	-
A2.10.12. Land mobile radios, pagers, and cell phones								-	-	-	-
A2.11. AIRCRAFT GENERAL TR: TO 00-20-5; Applicable -2 TO											

COMMONS AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A2.11.1. Determine weight and balance procedures								-	-	-	-
A2.11.2. Assist in weight and balance								-	-	-	-
A2.11.3. Inventory aircraft equipment TR: AFI 21-103								-	A	-	-
A2.11.4. Engine and support warranty TR: TOs 00-35D-54 & 00-20-3								-	B	-	-
A2.11.5. Corrosion control program TR: TO 1-1-691											
A2.11.5.1. Aircraft cleaning								A	B	-	-
A2.11.5.2. Corrosion identification								A	B	-	-
A2.11.5.3. Corrosion treatment								A	B	-	-
A2.11.5.4. Lubricate aircraft								-	-	-	-
A2.11.6. Aircraft inspection concepts/types TR: TO 00-20-5								A	B	-	-
A2.11.7. Principles of ground handling TR: AFI 11-218, Applicable AFOSH std, TO 00-25-172, Aircraft TOs								A	B	-	-
A2.12. AIRFRAME TR: Aircraft TOs											
A2.12.1. Structure and components								A	A	-	-
A2.12.2. Remove/inspect/install panels								3c	-	-	-
A2.12.3. Remove/inspect/install components								1b	-	-	-
A2.13. LANDING GEAR TR: Aircraft TOs											
A2.13.1. Fundamentals								A	A	-	-
A2.14. UTILITIES TR: Aircraft TOs											
A2.14.1. Fundamentals								-	A	-	-
A2.14.2. Gaseous and liquid oxygen systems								A	-	-	-
A2.14.3. Bleed air system								A	-	-	-
A2.14.4. Air conditioning system								A	-	-	-

COMMONS AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A2.14.5. Pressurization system								A	-	-	-
A2.14.6. Fire/overheat warning system								A	-	-	-
A2.15. FLIGHT CONTROLS TR: Aircraft TOs											
A2.15.1. Principles of flight								B	-	-	-
A2.15.2. Primary flight control fundamentals								A	A	-	-
A2.15.3. Secondary flight control fundamentals								A	-	-	-
A2.16. HYDRAULICS TR: Aircraft TOs											
A2.16.1. Fundamentals								A	B	-	-
A2.17. ENGINES TR: Aircraft TOs											
A2.17.1. Fundamentals								A	B	-	-
A2.18. FUELS TR: Applicable AFOSH Standards; TO 00-25-172; Applicable -2 TO											
A2.18.1. Fundamentals								A	A	-	-
A2.19. ELECTRICAL TR: Aircraft TOs											
A2.19.1. Fundamentals								A	A	-	-
A2.20. AEROSPACE GROUND EQUIPMENT TR: AFOSH Stds 91-66, 91-100, 91-2, TO 35A4 Series											
A2.20.1. Maintenance stands TR: AFOSH STD 91-2, TO 35A4 Series											
A2.20.1.1. Purpose and description								A	B	-	-
A2.20.1.2. Perform pre-use inspection								2b	-	-	-
A2.20.1.3. Operate								2b	-	-	-
A2.20.2. Engine stands and dollies TR: TO 35D3 series											
A2.20.2.1. Purpose and description								-	B	-	-
A2.20.2.2. Perform pre-use inspection								-	-	-	-

COMMONS AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A2.20.2.3. Use								-	-	-	-
A2.20.3. Hydraulic test stand TR: TO 33A2 Series											
A2.20.3.1. Purpose and description								A	B	-	-
A2.20.3.2. Perform pre-use inspection	*							2b	-	-	-
A2.20.3.3. Use	*							2b	-	-	-
A2.20.4. Aircraft jacks TR: TO 35A2 Series											
A2.20.4.1. Purpose and description								A	B	-	-
A2.20.4.2. Perform pre-use inspection								2b	-	-	-
A2.20.4.3. Operate								2b	-	-	-
A2.20.5. Diesel air compressors TR: TO 34Y1 Series											
A2.20.5.1. Purpose and description								A	B	-	-
A2.20.5.2. Perform pre-use inspection								2b	-	-	-
A2.20.5.3. Operate								2b	-	-	-
A2.20.6. Ground heaters TR: TO 35E7 Series											
A2.20.6.1. Purpose and description								A	B	-	-
A2.20.6.2. Perform pre-use inspection								2b	-	-	-
A2.20.6.3. Operate								2b	-	-	-
A2.20.7. Diesel Generator Sets TR: TO 35C2 Series											
A2.20.7.1. Purpose and description								A	A	-	-
A2.20.7.2. Perform pre-use inspection								2b	-	-	-
A2.20.7.3. Operate								2b	-	-	-
A2.20.8. Gas turbine compressors/generators TR: TO 35D12											
A2.20.8.1. Purpose and description								A	A	-	-
A2.20.8.2. Perform pre-use inspection								2b	-	-	-

COMMONS AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A2.20.8.3. Operate								2b	-	-	-
A2.20.9. Lighting equipment TR: TO 35F5 Series											
A2.20.9.1. Purpose and description								A	A	-	-
A2.20.9.2. Perform pre-use inspection								2b	-	-	-
A2.20.9.3. Operate								2b	-	-	-
A2.20.10. Air conditioning units TR: TO 35E9 Series											
A2.20.10.1. Purpose and description								A	A	-	-
A2.20.10.2. Perform pre-use inspection								2b	-	-	-
A2.20.10.3. Operate								2b	-	-	-
A2.20.11. Tow vehicles TR: TO 36A10 Series											
A2.20.11.1. Purpose and description								A	A	-	-
A2.20.11.2. Perform pre-use inspection								-	-	-	-
A2.20.11.3. Operate								-	-	-	-
A2.20.12. Liquid oxygen servicing equipment TR: TOs 37C2-8; 15X-1-1											
A2.20.12.1. Purpose and description								A	B	-	-
A2.20.12.2. Perform pre-use inspection	*							3c	-	-	-
A2.20.12.3. Operate	*							3c	-	-	-
A2.20.13. Self-generating nitrogen equipment TR: TO 35D3 Series											
A2.20.13.1. Purpose and description								A	A	-	-
A2.20.13.2. Perform pre-use inspection								1b/-	-	-	-
A2.20.13.3. Operate								1b/-	-	-	-
A2.20.14. Liquid nitrogen servicing equipment TR: TO 35D3 Series											
A2.20.14.1. Purpose and description								A	B	-	-
A2.20.14.2. Perform pre-use inspection								1b	-	-	-

COMMONS AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A2.20.14.3. Operate								1b	-	-	-
A2.20.15. Gaseous nitrogen servicing equipment TR: TO 35D3 Series											
A2.20.15.1. Purpose and description								A	B	-	-
A2.20.15.2. Perform pre-use inspection								1b	-	-	-
A2.20.15.3. Operate								1b	-	-	-
A2.20.16. Oil servicing carts TR: TO 35A17											
A2.20.16.1. Purpose and description								A	A	-	-
A2.20.16.2. Perform pre-use inspection	*							3c	-	-	-
A2.20.16.3. Operate	*							3c	-	-	-
A2.20.17. Hydraulic servicing carts TR: TO 35D29 Series											
A2.20.17.1. Purpose and description								A	A	-	-
A2.20.17.2. Perform pre-use inspection	*							3c	-	-	-
A2.20.17.3. Operate	*							3c	-	-	-
A2.20.18. Crash recovery equipment											
A2.20.18.1. Purpose								A	A	-	-
A2.20.18.2. Maintenance								-	-	-	-
A2.20.18.3. Use								-	A	-	-
A2.20.19. Bomb Lifts TR: TO 35D5 Series											
A2.20.19.1. MJ-1											
A2.20.19.1.1. Perform pre-use inspection								-	-	-	-
A2.20.19.1.2. Use								-	-	-	-
A2.20.19.2. MJ-4/MH 283											
A2.20.19.2.1. Perform pre-use inspection								-	-	-	-
A2.20.19.2.2. Use								-	-	-	-
A2.20.20. Portable wash equipment TR: TO 35E22 Series											

COMMONS AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A2.20.20.1. Perform pre-use inspection								-	-	-	-
A2.20.20.2. Operate								-	-	-	-
A2.20.21. Engine removal/installation (R&I) trailer TR: TO 35D3 Series											
A2.20.21.1. Perform pre-use inspection								-	-	-	-
A2.20.21.2. Operate								-	-	-	-
A2.20.22. Engine transfer trailer TR: TO 35D3 Series											
A2.20.22.1. Perform pre-use inspection								-	-	-	-
A2.20.22.2. Operate								-	-	-	-
A2.20.23. External air cart A/M32A-95 TR: TO 35C2 series											
A2.20.23.1. Perform pre-use inspection								-	-	-	-
A2.20.23.2. Use								-	-	-	-

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
NOTE 1: Use this attachment in conjunction with STS 2A3X3 attachment 2.												
NOTE 2: All task/knowledge taught in the initial skills course are trained in the resident wartime courses. The resident 7-level course is not taught during wartime.												
NOTE 3: Items in column 2 marked with an asterisk (*) are the core tasks for either the 5 or 7 skill level and are required for upgrade. Items marked with an (*/R) are not required by AFRC and ANG for upgrade.												
A3.1.	**AIRCRAFT GENERAL TR: TO 00-20-5; Applicable -2 TO**											
A3.1.1.	Avionics components and system operation								A	-	-	-
A3.1.2.	Weapon system components								A	-	-	-
A3.1.3.	Safe aircraft for maintenance	*							3c	-	-	-
A3.1.4.	Aircraft inspections TR: TO 00-20-5; Applicable -6 TO											
A3.1.4.1.	Periodic inspection concept								B	-	-	-
A3.1.4.2.	Perform inspections											
A3.1.4.2.1.	Preflight								1b	-	-	-
A3.1.4.2.2.	Basic Postflight								1b	-	-	-
A3.1.4.2.3.	Preflight/Basic Postflight combination	*							3c	-	-	-
A3.1.4.2.4.	End of Runway								-	-	-	-
A3.1.4.2.5.	Thruflight	*							3c	-	-	-
A3.1.4.2.6.	Quick-turn								-	-	-	-
A3.1.4.2.7.	Hourly Postflight								-	-	-	-
A3.1.4.2.8.	Periodic								-	-	-	-
A3.1.4.2.9.	Time replacement item								-	-	-	-
A3.1.4.2.10.	Calendar								-	-	-	-
A3.1.4.3.	Perform special inspections											
A3.1.4.3.1.	Acceptance/Transfer								-	-	-	-
A3.1.4.3.2.	Over-G								-	-	-	-
A3.1.4.3.3.	Lightning strike								-	-	-	-
A3.1.4.3.4.	Engine bay								1b	-	-	-

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.1.4.3.5.	Combat Sortie Generation								-	-	-	-
A3.1.5.	Aircraft communications equipment											
A3.1.5.1.	Operate radio								-	-	-	-
A3.1.5.2.	Use interphone	*							3c	-	-	-
A3.1.6.	Ground Handling TR: AFI 11-218, Applicable AFOSH Stds, TO 00-25-172, Aircraft TOs											
A3.1.6.1.	Launch aircraft	*							3c	-	-	-
A3.1.6.2.	Recover aircraft	*							3c	-	-	-
A3.1.6.3.	Tow aircraft											
A3.1.6.3.1.	Tow team member	*							2b	-	-	-
A3.1.6.3.2.	Tow team supervisor		*						-	-	-	-
A3.1.6.3.3.	Tow vehicle operator								-	-	-	-
A3.1.6.4.	Moor aircraft								-	-	-	-
A3.1.6.5.	Jack and level aircraft											
A3.1.6.5.1.	Jacking team member	*							2b	-	-	-
A3.1.6.5.2.	Jacking supervisor		*						-	-	-	-
A3.1.6.6.	Axle jacking	*							3c	-	-	-
A3.1.6.7.	De-ice aircraft								-	-	-	-
A3.1.6.8.	Lubricate aircraft after wash								2b	-	-	-
A3.1.6.9.	Apply external cooling air								2b	-	-	-
A3.1.6.10.	Remove/Install ballast								-	-	-	-
A3.1.6.11.	Crash Damage or Disabled Aircraft Recovery (CDDAR)								-	A	-	B
A3.2.	**AIRFRAME** **TR: Aircraft TOs**											
A3.2.1.	Airframe components and construction								A			
A3.2.2.	Rig doors								-	-	-	-
A3.2.3.	Perform operational check of doors								-	-	-	-

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.2.4.	Remove/inspect/install											
A3.2.4.1.	Windscreen								-	-	-	-
A3.2.4.2.	Travel Pods								-	-	-	-
A3.2.4.3.	Stress panels								3c	-	-	-
A3.2.5.	Open/Close											
A3.2.5.1.	Hingeable doors	*							3c	-	-	-
A3.2.5.2.	Radome								2b	-	-	-
A3.3.	**CANOPY TR: Applicable -2 TO**											
A3.3.1.	Components and system operation								A	A	-	B
A3.3.2.	Perform operational check								-	-	-	-
A3.3.3.	Rig								-	-	-	-
A3.3.4.	Remove/inspect/install											
A3.3.4.1.	Canopy								-	-	-	-
A3.3.4.2.	Actuator								-	-	-	-
A3.3.4.3.	Accumulator								-	-	-	-
A3.3.4.4.	Accumulator check valve								-	-	-	-
A3.3.4.5.	Accumulator pressure gauge								-	-	-	-
A3.3.4.6.	Control handle								-	-	-	-
A3.3.4.7.	Control cable								-	-	-	-
A3.3.4.8.	Control valve								-	-	-	-
A3.3.4.9.	Check valve								-	-	-	-
A3.3.4.10.	Sequence valve								-	-	-	-
A3.3.4.11.	Two-way restrictor								-	-	-	-
A3.3.4.12.	Rain seal								-	-	-	-
A3.3.5.	Operate											
A3.3.5.1.	Manual	*							3c	-	-	-
A3.3.5.2.	Normal	*							3c	-	-	-

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.3.6.	Service											
A3.3.6.1.	Actuator	*							2b	-	-	-
A3.3.6.2.	Accumulator	*							2b	-	-	-
A3.4.	**LANDING GEAR** **TR: Aircraft TOs**											
A3.4.1.	Components and system operation								A	A	-	B
A3.4.2.	Operate normal systems											
A3.4.2.1.	Landing gear								1b	-	-	-
A3.4.2.2.	Brakes								1b	-	-	-
A3.4.2.3.	Anti-skid								-	-	-	-
A3.4.2.4.	Arresting gear								1b	-	-	-
A3.4.3.	Operate emergency system											
A3.4.3.1.	Landing gear extension								1b	-	-	-
A3.4.3.2.	Brakes	*							3c	-	-	-
A3.4.3.3.	Steering								2b	-	-	-
A3.4.4.	Nose wheel steering system											
A3.4.4.1.	Nose wheel steering components								B	-	-	-
A3.4.4.2.	Remove/inspect/install											
A3.4.4.2.1.	Selector valve								-	-	-	-
A3.4.4.2.2.	Shuttle valve								-	-	-	-
A3.4.4.2.3.	Steering unit								-	-	-	-
A3.4.4.2.4.	Steering support housing								-	-	-	-
A3.4.4.3.	Operate nose wheel steering								2b	-	-	-
A3.4.5.	Rig											
A3.4.5.1.	Landing gear								-	-	-	-
A3.4.5.2.	Nose wheel steering								-	-	-	-
A3.4.5.3.	Arresting gear								-	-	-	-
A3.4.6.	Service											

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.4.6.1. Landing gear struts											
A3.4.6.1.1. Nose	*							b	-	-	-
A3.4.6.1.2. Main	*							2b	-	-	-
A3.4.6.2. Tires TR: Applicable -2 TOs	*							3c	-	-	-
A3.4.6.3. Arresting gear actuator	*							2b	-	-	-
A3.4.6.4. Damper	*							2b	-	-	-
A3.4.7. Remove/inspect/install											
A3.4.7.1. Wheel and tire assemblies	*							2b	-	-	-
A3.4.7.2. Brake system components											
A3.4.7.2.1. Brake assemblies	*							2b	-	-	-
A3.4.7.2.2. Brake control cables								-	-	-	-
A3.4.7.2.3. Dual brake control valve								-	-	-	-
A3.4.7.2.4. Brake interconnect cable								-	-	-	-
A3.4.7.2.5. Brake pressure dissipation valve								-	-	-	-
A3.4.7.2.6. Brake/steering arming valve cable								-	-	-	-
A3.4.7.2.7. Brake/steering emergency cable								-	-	-	-
A3.4.7.2.8. Brake/steering emergency handle								-	-	-	-
A3.4.7.2.9. Emergency brake/steering arming valve								-	-	-	-
A3.4.7.3. Landing gear components											
A3.4.7.3.1. NLG strut								-	-	-	-
A3.4.7.3.2. NLG actuator								-	-	-	-
A3.4.7.3.3. NLG door selector valve								-	-	-	-
A3.4.7.3.4. MLG strut								-	-	-	-
A3.4.7.3.5. MLG actuator								-	-	-	-
A3.4.7.3.6. MLG door selector valve								-	-	-	-
A3.4.7.3.7. Emergency selector valve								-	-	-	-

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.4.7.4.	Arresting gear components											
A3.4.7.4.1.	Hook shank								-	-	-	-
A3.4.7.4.2.	Hook actuator								-	-	-	-
A3.4.7.4.3.	Hook uplatch actuator								-	-	-	-
A3.4.7.4.4.	Hook damper								2b	-	-	-
A3.4.7.4.5.	Hook fairings								-	-	-	-
A3.4.7.4.6.	Hook release and retraction mechanism								-	-	-	-
A3.4.7.4.7.	Emergency selector valve								-	-	-	-
A3.4.8.	Bleed brakes	*							2b	-	-	-
A3.4.9.	Determine serviceability of aircraft tires TR: TO 4T-1-3, Applicable -6 TOs	*							3c	-	-	-
A3.4.10.	Repack landing gear components											
A3.4.10.1.	Nose strut								-	-	-	-
A3.4.10.2.	Main strut								-	-	-	-
A3.4.11.	Build-up wheel and tire assembly											
A3.4.11.1.	Nose wheel assembly								-	-	-	-
A3.4.11.2.	Main wheel assembly								-	-	-	-
A3.4.12.	Operate gear doors											
A3.4.12.1.	Manual	*							3c	-	-	-
A3.4.12.2.	Emergency operation								-	-	-	-
A3.4.13.	Troubleshoot landing gear								-	-	c	-
A3.5.	**UTILITIES** **TR: Aircraft TOs**											
A3.5.1.	Components and system operation								A	A	-	B
A3.5.2.	Perform operational check											
A3.5.2.1.	Bleed air system								-	-	-	-
A3.5.2.2.	Air conditioning system								-	-	-	-
A3.5.2.3.	Pressurization system								-	-	-	-

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.5.2.4.	Anti-ice/de-ice system								-	-	-	-
A3.5.2.5.	Rain removal system								-	-	-	-
A3.5.2.6.	Fire/overheat warning system								2b	-	-	-
A3.5.2.7.	Oxygen system quantity								3c	-	-	-
A3.5.3.	Inspect											
A3.5.3.1.	Oxygen system								-	-	-	-
A3.5.3.2.	Fire/Overheat warning system								-	-	-	-
A3.5.4.	Service oxygen system TR: TO 00-25-172, 15X-1-1	*							3c	-	-	-
A3.5.5.	Remove/inspect/install Liquid Oxygen (LOX) converter	*							3c	-	-	-
A3.6.	**FLIGHT CONTROLS** **TR: Aircraft TOs**											
A3.6.1.	Component identification and system operation								A	A	-	B
A3.6.2.	Perform operational check								1b	-	-	-
A3.6.3.	Remove/inspect/install											
A3.6.3.1.	Aileron								-	-	-	-
A3.6.3.2.	Rudder								-	-	-	-
A3.6.3.3.	Stabilator								-	-	-	-
A3.6.3.4.	Speed brake								-	-	-	-
A3.6.3.5.	Flap								-	-	-	-
A3.6.3.6.	Pitch Roll Channel Assembly (PRCA)								-	-	-	-
A3.6.3.7.	Pitch Trim Compensator (PTC)								-	-	-	-
A3.6.3.8.	Roll Ratio Controller (RRC)								-	-	-	-
A3.6.3.9.	Mode select								-	-	-	-
A3.6.3.10.	Aileron Rudder Interconnect (ARI)								-	-	-	-
A3.6.3.11.	Yaw Ratio Controller (YRC)								-	-	-	-
A3.6.3.12.	Remove/inspect/install actuators											

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.6.3.12.1. Aileron								-	-	-	-
A3.6.3.12.2. Rudder								-	-	-	-
A3.6.3.12.3. Stabilator								-	-	-	-
A3.6.3.12.4. Speed brake								-	-	-	-
A3.6.3.12.5. Flap								-	-	-	-
A3.6.3.12.6. Lateral feel trim								-	-	-	-
A3.6.3.12.7. Longitudinal feel trim								-	-	-	-
A3.6.3.12.8. Directional feel trim								-	-	-	-
A3.6.3.12.9. Yaw trim (F-15E)								-	-	-	-
A3.6.3.13. Remove/install/inspect components											
A3.6.3.13.1. Switching valves								-	-	-	-
A3.6.3.13.2. Aileron cables/bellcranks								-	-	-	-
A3.6.3.13.3. Rudder cables/bellcranks								-	-	-	-
A3.6.3.13.4. ARI to PRCA interconnect cable								-	-	-	-
A3.6.3.13.5. Rudder travel limiter								-	-	-	-
A3.6.3.13.6. Aileron safety spring cartridge								-	-	-	-
A3.6.3.13.7. Rudder control breakout assembly								-	-	-	-
A3.6.3.13.8. Stabilator control cables/bellcranks								-	-	-	-
A3.6.4. Rig flight control systems											
A3.6.4.1. Longitudinal								-	-	-	-
A3.6.4.2. Lateral								-	-	-	-
A3.6.4.3. Directional								-	-	-	-
A3.6.5. Troubleshoot flight controls								-	-	c	-
A3.7. HYDRAULICS TR: Aircraft TOs											
A3.7.1. Components and system operation								A	A	-	B
A3.7.2. Service	*							3c	-	-	-
A3.7.3. Drain								-	-	-	-

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.7.4.	Flush								-	-	-	-
A3.7.5.	Apply hydraulic pressure	*							2b	-	-	-
A3.7.6.	Bleed hydraulic system		*						-	-	-	-
A3.7.7.	Remove/inspect/install											
A3.7.7.1.	Lines	*							-	-	-	-
A3.7.7.2.	Pumps	*							3c	-	-	-
A3.7.7.3.	Manifolds											
A3.7.7.3.1.	Pump								-	-	-	-
A3.7.7.3.2.	Accessories								-	-	-	-
A3.7.7.4.	Reservoirs								-	-	-	-
A3.7.7.5.	Cockpit gauges								-	-	-	-
A3.7.7.6.	Valves											
A3.7.7.6.1.	Check valve								-	-	-	-
A3.7.7.6.2.	Thermal control valve								-	-	-	-
A3.7.7.6.3.	Utility bypass warm-up valve								-	-	-	-
A3.7.7.6.4.	Filters/Delta “P”								-	-	-	-
A3.7.7.6.5.	Pressure transmitter								-	-	-	-
A3.7.7.6.6.	Pressure switch								-	-	-	-
A3.7.8.	Troubleshoot hydraulic system								-	-	c	-
A3.8.	**AIR INDUCTION** **TR: Applicable -2 TOs**											
A3.8.1.	Components and system operation								A	A	-	B
A3.8.2.	Remove/inspect/install											
A3.8.2.1.	First ramp actuator								-	-	-	-
A3.8.2.2.	Diffuser ramp actuator								-	-	-	-
A3.8.2.3.	Bypass door actuator								-	-	-	-
A3.8.2.4.	First ramp								-	-	-	-

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.8.2.5.	Second ramp								-	-	-	-
A3.8.2.6.	Third ramp								-	-	-	-
A3.8.2.7.	Diffuser ramp								-	-	-	-
A3.8.2.8.	Bypass door								-	-	-	-
A3.8.3.	Perform operational check								-	-	-	-
A3.8.4.	Rig								-	-	-	-
A3.8.5.	Troubleshoot air induction system								-	-	b	-
A3.9.	**ENGINES** **TR: Aircraft TOs**											
A3.9.1.	Components and system operation								A	A	-	B
A3.9.2.	Engine monitoring system								A	A	-	-
A3.9.3.	Operate engine TR: AFOSH Standard 91-66								-	-	-	-
A3.9.4.	Trim engine TR: AFOSH Standard 91-66								-	-	-	-
A3.9.5.	Oil system TR: Applicable -6 TOs											
A3.9.5.1.	Inspect magnetic chip detectors	*							3c	-	-	-
A3.9.5.2.	Service	*							3c	-	-	-
A3.9.5.3.	Drain								-	-	-	-
A3.9.5.4.	Flush								-	-	-	-
A3.9.5.5.	Joint Oil Analysis Program (JOAP)								-	B	-	-
A3.9.5.6.	Take JOAP sample	*							3c	-	-	-
A3.9.6.	Remove/inspect/install											
A3.9.6.1.	Engine								-	-	-	-
A3.9.6.2.	Engine interconnect box								-	-	-	-
A3.9.6.3.	Events History Recorder (EHR)								-	-	-	-
A3.9.6.4.	Engine Diagnostic Unit (EDU)								-	-	-	-
A3.9.6.5.	Electronic Engine Control (EEC)								-	-	-	-

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.9.6.6.	Digital Electronic Engine Control (DEEC)								-	-	-	-
A3.9.6.7.	Fan Turbine Inlet Temperature (FTIT) Probe								-	-	-	-
A3.9.6.8.	Ignition exciter boxes											
A3.9.6.8.1.	Single								-	-	-	-
A3.9.6.8.2.	Dual								-	-	-	-
A3.9.6.9.	Ignition plugs											
A3.9.6.9.1.	Main								-	-	-	-
A3.9.6.9.2.	Augmentor								-	-	-	-
A3.9.6.10.	Plumbing								-	-	-	-
A3.9.6.11.	Engine oil seals								-	-	-	-
A3.9.6.12.	Engine fuel seals								-	-	-	-
A3.9.6.13.	Oil tank								-	-	-	-
A3.9.6.14.	Oil pump								-	-	-	-
A3.9.6.15.	Oil filters/Delta “P”								-	-	-	-
A3.9.6.16.	Oil pressure transmitter								-	-	-	-
A3.9.6.17.	Breather pressurizing valve								-	-	-	-
A3.9.6.18.	Main fuel pump								-	-	-	-
A3.9.6.19.	Fuel/oil cooler								-	-	-	-
A3.9.6.20.	Pressurization and dump valve								-	-	-	-
A3.9.6.21.	Fuel filters								-	-	-	-
A3.9.6.22.	N2 sensor								-	-	-	-
A3.9.6.23.	TT2 sensor								-	-	-	-
A3.9.6.24.	Exhaust Nozzle position transmitter (ENPT)								-	-	-	-
A3.9.6.25.	Overspeed detection unit								-	-	-	-
A3.9.6.26.	Anti-ice valve								-	-	-	-
A3.9.6.27.	CIVV actuator								-	-	-	-

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.9.6.28.	Convergent Exhaust Nozzle Control (CENC)								-	-	-	-
A3.9.6.29.	Aj request cable								-	-	-	-
A3.9.6.30.	Flex shafts								-	-	-	-
A3.9.6.31.	Primary actuator								-	-	-	-
A3.9.6.32.	Secondary actuators								-	-	-	-
A3.9.6.33.	Convergent nozzle seals								-	-	-	-
A3.9.6.34.	Divergent nozzle seals								-	-	-	-
A3.9.6.35.	Divergent nozzle segments								-	-	-	-
A3.9.6.36.	Convergent nozzle segments								-	-	-	-
A3.9.6.37.	Augmentor flameholder								-	-	-	-
A3.9.6.38.	Light-off detector								-	-	-	-
A3.9.7.	Rig											
A3.9.7.1.	Aj request cable								-	-	-	-
A3.9.7.2.	Nozzle								-	-	-	-
A3.9.8.	Throttle system											
A3.9.8.1.	Remove/inspect/install components											
A3.9.8.1.1.	Throttle quadrant (F-15A/C)								-	-	-	-
A3.9.8.1.2.	Throttle quadrant (F-15B/D/E)								-	-	-	-
A3.9.8.1.3.	One piece throttle cable								-	-	-	-
A3.9.8.1.4.	Two piece throttle cable								-	-	-	-
A3.9.8.1.5.	Throttle interconnect cable								-	-	-	-
A3.9.8.1.6.	Throttle sector box								-	-	-	-
A3.9.8.2.	Inspect components TR: Applicable -6 TOs								-	-	-	-
A3.9.8.3.	Rig throttles								-	-	-	-
A3.9.8.4.	Adjust throttle detent								-	-	-	-
A3.9.9.	Operate special equipment											

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.9.9.1.	Rigid borescope								-	B	-	-
A3.9.9.2.	Flex borescope								-	B	-	-
A3.9.9.3.	Ignition tester								-	A	-	-
A3.9.9.4.	Comprehensive Engine Diagnostic System (CEDS)								A	-	-	-
A3.9.10.	Troubleshoot engine								-	-	b	-
A3.10.	**ENGINE STARTING SYSTEM TR: Applicable -2 TOs**											
A3.10.1.	Components and system operation								A	A	-	B
A3.10.2.	Perform operational check								-	-	-	-
A3.10.3.	Prime Jet Fuel Starter (JFS)								-	-	-	-
A3.10.4.	Service											
A3.10.4.1.	JFS accumulator	*							3c	-	-	-
A3.10.4.2.	Central Gear Box (CGB)	*							3c	-	-	-
A3.10.4.3.	Airframe Mounted Accessory Drive (AMAD)	*							3c	-	-	-
A3.10.5.	Remove/inspect/install											
A3.10.5.1.	JFS								1b	-	-	-
A3.10.5.2.	JFS run/control/ready relay								-	-	-	-
A3.10.5.3.	JFS control timer relay								-	-	-	-
A3.10.5.4.	JFS fuel filter								-	-	-	-
A3.10.5.5.	JFS fuel control								-	-	-	-
A3.10.5.6.	JFS 2-speed switch								-	-	-	-
A3.10.5.7.	JFS generator control unit								-	-	-	-
A3.10.5.8.	JFS ignition unit								-	-	-	-
A3.10.5.9.	JFS ignition plug								-	-	-	-
A3.10.5.10.	JFS ignition lead								-	-	-	-
A3.10.5.11.	JFS fuel accumulator								-	-	-	-

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.10.5.12. JFS pressure gauge								-	-	-	-
A3.10.5.13. JFS hand pump								-	-	-	-
A3.10.5.14. JFS accumulator bottles								-	-	-	-
A3.10.5.15. JFS hydraulic manifold								-	-	-	-
A3.10.5.16. Hydraulic pressure intensifier								-	-	-	-
A3.10.5.17. JFS control handle								-	-	-	-
A3.10.5.18. JFS control cable								-	-	-	-
A3.10.5.19. CGB								1b	-	-	-
A3.10.5.20. CGB chip detector								-	-	-	-
A3.10.5.21. CGB oil filter and differential pressure (Delta P) indicator								-	-	-	-
A3.10.5.22. CGB isolation decoupler								-	-	-	-
A3.10.5.23. CGB permanent magnet generator								-	-	-	-
A3.10.5.24. CGB hydraulic start motor								-	-	-	-
A3.10.5.25. CGB hydraulic clutch control								-	-	-	-
A3.10.5.26. CGB oil pump and switch assembly								-	-	-	-
A3.10.5.27. AMAD								-	-	-	-
A3.10.5.28. AMAD chip detector								-	-	-	-
A3.10.5.29. AMAD oil filter and differential pressure (Delta P) indicator								3c	-	-	-
A3.10.5.30. AMAD pawl carrier								-	-	-	-
A3.10.5.31. AMAD oil pump and start cutout switch								-	-	-	-
A3.10.5.32. AMAD encased seals								-	-	-	-
A3.10.5.33. AMAD carbon seals								-	-	-	-
A3.10.5.34. AMAD pressure fill fitting								-	-	-	-
A3.10.5.35. AMAD overflow drain								-	-	-	-
A3.10.5.36. AMAD sight gauge								-	-	-	-
A3.10.5.37. AMAD Power Take-off (PTO)								-	-	-	-

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.10.6.	Troubleshoot engine starting system								-	-	c	-
A3.10.7.	Operate secondary power system test set											
A3.10.7.1.	Static test								-	-	-	-
A3.10.7.2.	Dynamic test								-	-	-	-
A3.11.	**FUELS** **TR: Applicable AFOSH Standards; TO 00-25-172; Applicable -2 TO**											
A3.11.1.	Components and system operation								A	-	-	B
A3.11.2.	Inspect components								-	-	-	-
A3.11.3.	Classify fuel leaks								-	-	-	-
A3.11.4.	Perform operational check											
A3.11.4.1.	Internal fuel system								-	-	-	-
A3.11.4.2.	External fuel system								-	-	-	-
A3.11.5.	Refuel aircraft (normal) power off	*							3c	-	-	-
A3.11.6.	Refuel aircraft power on											
A3.11.6.1.	Team member								1b	-	-	-
A3.11.6.2.	Team supervisor								-	-	-	-
A3.11.7.	Refuel aircraft (with engine operating)											
A3.11.7.1.	Team member								-	-	-	-
A3.11.7.2.	Team supervisor								-	-	-	-
A3.11.8.	Defuel aircraft power off											
A3.11.8.1.	Team member	*							1b	-	-	-
A3.11.8.2.	Team supervisor		*						-	-	-	-
A3.11.9.	Defuel aircraft power on											
A3.11.9.1.	Team member								1b	-	-	-
A3.11.9.2.	Team supervisor								-	-	-	-
A3.11.10.	Prepare aircraft for fuel cell maintenance								-	-	-	-
A3.11.11.	External fuel tanks											

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.11.11.1.	Remove/inspect/install	*							3c	-	-	-
A3.11.11.2.	Perform operational check								b	-	-	-
A3.11.11.3.	Alternate defuel								-	-	-	-
A3.11.12.	Air-to-Air Refueling (AAR) system											
A3.11.12.1.	Components and system operation								A	-	-	-
A3.11.12.2.	Remove/inspect/install											
A3.11.12.2.1.	Door								-	-	-	-
A3.11.12.2.2.	Open/close linkage								-	-	-	-
A3.11.12.2.3.	Actuator								-	-	-	-
A3.11.12.3.	Inspect AAR components TR: Applicable -6 TO								-	-	-	-
A3.11.12.4.	Perform operational check								-	-	-	-
A3.11.12.5.	Rig								-	-	-	-
A3.11.13.	Conformal fuel tanks											
A3.11.13.1.	Remove/inspect/install								-	-	-	-
A3.11.13.2.	Defuel/Depuddle								-	-	-	-
A3.11.13.3.	Perform operational check								-	-	-	-
A3.12.	**ELECTRICAL** **TR: Aircraft TOs**											
A3.12.1.	Components and system operation								A	-	-	B
A3.12.2.	Operate											
A3.12.2.1.	Internal lighting	*							3c	-	-	-
A3.12.2.2.	External lighting	*							3c	-	-	-
A3.12.2.3.	Indicator/warning lights	*							3c	-	-	-
A3.12.2.4.	Emergency generator								-	-	-	-
A3.12.3.	Remove/inspect/install											
A3.12.3.1.	Light lenses/bulbs											
A3.12.3.1.1.	Landing light	*							3c	-	-	-

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.12.3.1.2.	Taxi light	*							3c	-	-	-
A3.12.3.1.3.	Stab anti-collision light								-	-	-	-
A3.12.3.1.4.	Wing anti-collision light								-	-	-	-
A3.12.3.1.5.	Wing position light	*							3c	-	-	-
A3.12.3.1.6.	Stab position light	*							3c	-	-	-
A3.12.3.1.7.	Stab floodlight								-	-	-	-
A3.12.3.1.8.	AAR door floodlight								-	-	-	-
A3.12.3.2.	Integrated Drive Generator (IDG)								-	-	-	-
A3.12.3.3.	Emergency generator								-	-	-	-
A3.12.3.4.	Emergency generator/stab selector valve								-	-	-	-
A3.12.4.	IDG											
A3.12.4.1.	Service	*							3c	-	-	-
A3.12.4.2.	Drain								-	-	-	-
A3.12.4.3.	Flush								-	-	-	-
A3.12.4.4.	Replace oil filter/Delta “P”								-	-	-	-
A3.12.5.	Use wiring diagrams								-	-	-	-
A3.12.6.	Connect/Apply external electrical power	*							3c	-	-	-
A3.12.7.	Disconnect external electrical power	*							3c	-	-	-
A3.13.	**EGRESS TR: Applicable -2 TOs**											
A3.13.1.	Components and system operation								A	-	-	-
A3.13.2.	Inspect egress system and safety devices TR: Applicable -6 TO	*							3c	-	-	-
A3.13.3.	Remove/inspect/install safety pins	*							3c	-	-	-
A3.13.4.	Perform cockpit entry procedures											
A3.13.4.1.	Normal	*							3c	-	-	-
A3.13.4.2.	Alternate	*							3c	-	-	-

F-15 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.14.	**AERIAL GUNNERY TARGET SYSTEM (AGTS) TR: TOs A/A 37U-33/36, 43E11-24-11**											
A3.14.1.	AGTS components and system operation								-	-	-	-
A3.14.2.	Remove/inspect/install											
A3.14.2.1.	AGTS								-	-	-	-
A3.14.2.2.	Components								-	-	-	-
A3.14.3.	Repair AGTS components								-	-	-	-
A3.14.4.	Perform operational check								-	-	-	-
A3.14.5.	Inspect system and components TR: Applicable -6 TOs								-	-	-	-

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
NOTE 1: Use this attachment in conjunction with STS 2A3X3 attachment 2.											
NOTE 2: All task/knowledge taught in the initial skills course trained in the resident wartime courses. The resident 7-level course is not taught during wartime.											
NOTE 3: Items in column 2 marked with an asterisk (*) are the core tasks for either the 5 or 7 skill level and are required for upgrade. Items marked with an (*/R) are not required by AFRC and ANG for upgrade.											
A4.1. AIRCRAFT GENERAL											
A4.1.1. Corrosion control program TR: TO 1-1-691S; 1F-16()-23											
A4.1.1.1. Prepare aircraft for wash								-	-	-	-
A4.1.1.2 Wash aircraft								-	-	-	-
A4.1.1.3. Inspect for corrosion								-	-	-	-
A4.1.1.4 Lubricate after wash								-	-	-	-
A4.1.2. Prepare aircraft for hangar entry								-	-	-	-
A4.1.3. Ground handling TR: AFI 11-218; AFOSH Std 91-100; TO 00-25-172; Applicable -2 TOs Applicable -6 TOs											
A4.1.3.1. Launch aircraft	*							3c	-	-	-
A4.1.3.2. Recover aircraft	*							3c	-	-	-
A4.1.3.3. Marshall aircraft	*							3c	-	-	-
A4.1.3.4. Perform hot brake check	*							3c	-	-	-
A4.1.3.5. Tow aircraft											
A4.1.3.5.1. Wing/tail walker								2b	-	-	-
A4.1.3.5.2. Brake operator	*							2b	-	-	-
A4.1.3.5.3. Team supervisor		*						-	-	-	-
A4.1.3.5.4. Vehicle operator								-	-	-	-
A4.1.3.6. Moor aircraft								a	-	-	-
A4.1.3.7. Jack aircraft											
A4.1.3.7.1. Tripod jack	*							2b	-	-	-
A4.1.3.7.2. Axle jack	*							3c	-	-	-

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.1.3.7.3. Team member								2b	-	-	-
A4.1.3.7.4. Team supervisor		*						-	-	-	-
A4.1.3.7.5. Assist weighing and leveling								-	-	-	-
A4.1.4. Safe aircraft for maintenance TR: Applicable -2 TOs	*							3c	-	-	-
A4.1.5. Phased inspection concept and inspections TR: TOs 00-20-5; 1F-16()-6-()											
A4.1.5.1. Phase inspection concept								B	-	-	-
A4.1.5.2. Perform inspection											
A4.1.5.2.1. Preflight	*							3c	-	-	-
A4.1.5.2.2. Basic postflight	*							3c	-	-	-
A4.1.5.2.3. Preflight/Basic postflight	*							2b	-	-	-
A4.1.5.2.4. Walkaround	*							3c	-	-	-
A4.1.5.2.5. End of runway								b	-	-	-
A4.1.5.2.6. Thruflight	*							3c	-	-	-
A4.1.5.2.7. Phase								b	-	-	-
A4.1.5.2.8. Time change item								-	-	-	-
A4.1.5.3. Perform special inspections											
A4.1.5.3.1. Acceptance								-	-	-	-
A4.1.5.3.2. Hard landing inspection								-	-	-	-
A4.1.5.3.3. Post barrier engagement inspection								-	-	-	-
A4.1.5.3.4. Over G								-	-	-	-
A4.1.5.4. Concurrent servicing operation											
A4.1.5.4.1. Supervisor								-	-	-	-
A4.1.5.4.2. Team member								-	-	-	-
A4.1.5.5. Crash recovery team member								-	-	-	-

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.2.	**AIRFRAME SYSTEMS TR: Applicable -2 TOs**											
A4.2.1.	Airframe components and construction								B	-	-	-
A4.2.2.	Inspect airframe components								-	-	-	-
A4.2.3.	Remove/inspect/install											
A4.2.3.1.	Hingeable doors								-	-	-	-
A4.2.3.2.	Radome								-	-	-	-
A4.2.3.3.	Stress panels								-	-	-	-
A4.2.3.4.	Travel pods								-	-	-	-
A4.2.4.	Open and close											
A4.2.4.1.	Hingeable doors	*							3c	-	-	-
A4.2.4.2.	Radome								-	-	-	-
A4.2.5.	Cockpit Foreign Object (FO) awareness								B	-	-	-
A4.2.6.	Clean canopy	*							3c	-	-	-
A4.3.	**EGRESS SYSTEM TR: Applicable -2 TOs**											
A4.3.1.	Egress components and system operation								B	-	-	-
A4.3.2.	Inspect safety devices TR: TO 1F-16C-6-()	*							3c	-	-	-
A4.3.3.	Remove/inspect/install safety pins	*							3c	-	-	-
A4.3.4.	Operate canopy											
A4.3.4.1.	Electrically								3c	-	-	-
A4.3.4.2.	Manually								3c	-	-	-
A4.4.	**EMERGENCY POWER UNIT (EPU) SYSTEM TR: Applicable -2 TOs**											
A4.4.1.	EPU components and system operation								B	-	-	B
A4.4.2.	Hydrazine awareness								B	-	-	-

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.4.3.	Identify leaks								B	-	-	-
A4.4.4.	EPU safety								B	-	-	-
A4.4.5.	Remove/inspect/install											
A4.4.5.1.	EPU assembly								-	-	-	-
A4.4.5.2.	Pressure switch								-	-	-	-
A4.4.5.3.	Hydraulic pump								-	-	-	-
A4.4.5.4.	Electric generator								-	-	-	-
A4.4.5.5.	External indicator								-	-	-	-
A4.4.6.	Perform leak check								-	-	-	-
A4.4.7.	Maintain leak detector								-	-	-	-
A4.4.8.	Service											
A4.4.8.1.	EPU nitrogen	*							3c	-	-	-
A4.4.8.2.	EPU oil	*							3c	-	-	-
A4.4.9.	Perform operational check in bleed air mode								-	-	-	-
A4.4.10.	Troubleshoot								-	-	c	B
A4.4.11.	Cold gas spin up								-	-	-	-
A4.5.	**LANDING GEAR SYSTEM TR: Applicable -2 TOs**											
A4.5.1.	Main landing gear components and system operation								B	-	-	B
A4.5.2.	Nose landing gear components and system operation								B	-	-	B
A4.5.3.	Alternate/emergency landing gear components and system operation								B	-	-	B
A4.5.4.	Braking components and system operation								B	-	-	B
A4.5.5.	Anti-skid components and system operation								B	-	-	B
A4.5.6.	Arresting hook components and system operation								B	-	-	B

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.5.7.	Nose wheel steering (NWS) components and system operation								B	-	-	B
A4.5.8.	Remove/inspect/install											
A4.5.8.1.	Retract actuator								-	-	-	-
A4.5.8.2.	Downlock actuator								-	-	-	-
A4.5.8.3.	Uplock mechanism								-	-	-	-
A4.5.8.4.	Door actuator								-	-	-	-
A4.5.8.5.	Uplock roller								-	-	-	-
A4.5.8.6.	Shock strut assembly								-	-	-	-
A4.5.8.7.	Tension strut assembly								-	-	-	-
A4.5.8.8.	Drag brace assembly								-	-	-	-
A4.5.8.9.	Control valve								-	-	-	-
A4.5.8.10.	Sequencing valve								-	-	-	-
A4.5.8.11.	Axle assembly								-	-	-	-
A4.5.8.12.	Door assembly								-	-	-	-
A4.5.8.13.	Spin stop pad								-	-	-	-
A4.5.8.14.	Torque link assembly								-	-	-	-
A4.5.8.15.	Torque link pin	*							-	-	-	-
A4.5.8.16.	Wheel and tire assembly											
A4.5.8.16.1.	Main	*							3c	-	-	-
A4.5.8.16.2.	Nose	*							3c	-	-	-
A4.5.8.17.	Selector valve								-	-	-	-
A4.5.8.18.	Pneumatic reservoir								-	-	-	-
A4.5.8.19.	Brake assembly		*						2b	-	-	-
A4.5.8.20.	Brake control valve								-	-	-	-
A4.5.8.21.	Wheel speed sensor								-	-	-	-
A4.5.8.22.	Arresting hook pneumatic actuator								-	-	-	-

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.5.8.23.	Arresting hook assembly								-	-	-	-
A4.5.8.24.	Pneumatic charging valve								2b	-	-	-
A4.5.8.25.	Rudder pedal assembly								-	-	-	-
A4.5.8.26.	NWS actuator								-	-	-	-
A4.5.9.	Adjust											
A4.5.9.1.	Uplock mechanism								-	-	-	-
A4.5.9.2.	Arresting hook								-	-	-	-
A4.5.10.	Service											
A4.5.10.1.	Shock strut	*							2b	-	-	-
A4.5.10.2.	Alternate landing gear/arresting hook pneumatic reservoir								2b	-	-	-
A4.5.10.3.	Tires	*							3c	-	-	-
A4.5.11.	Determine serviceability of tires	*							3c	-	-	-
A4.5.12.	Bleed brakes								2b	-	-	-
A4.5.13.	Perform operational check											
A4.5.13.1.	Basic landing gear system											
A4.5.13.1.1.	Team member								2b	-	-	-
A4.5.13.1.2.	Supervisor								-	-	-	-
A4.5.13.2.	Alternate/emergency landing gear system											
A4.5.13.2.1.	Team member								-	-	-	-
A4.5.13.2.2.	Supervisor								-	-	-	-
A4.5.13.3.	Brakes								-	-	-	B
A4.5.13.4.	Arresting hook								2b	-	-	-
A4.5.13.5.	NWS system								-	-	-	-
A4.5.14.	Troubleshoot landing gear								-	-	c	B
A4.6.	**FIRE AND OVERHEAT DETECTION SYSTEM TR: Applicable -2 TOs**											

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.6.1.	Fire and overheat detection components and system operation								A	-	-	B
A4.6.2.	Inspect sensing elements TR: TO 1F-16()-6-()								-	-	-	-
A4.6.3.	Perform fire and overheat operational check								-	-	-	-
A4.7.	**FUEL INERTING SYSTEM TR: Applicable -2 TOs**											
A4.7.1.	Fuel inerting system components and operation								B	-	-	B
A4.7.2.	Remove/inspect/install halon reservoir								2b	-	-	-
A4.8.	**LIQUID OXYGEN SYSTEM TR: Applicable -2 TOs**											
A4.8.1.	Liquid oxygen components and system operation								B	-	-	B
A4.8.2.	Purging requirements								B	-	-	-
A4.8.3.	Service LOX converter TR: TOs 00-25-172; 1F-16()-2								3c	-	-	-
A4.8.4.	Remove/inspect/install converter								3c	-	-	-
A4.8.5.	Perform operational check								-	-	-	-
A4.8.6.	Remove/inspect/install Onboard Oxygen Generating Systems (OBOGS) components								-	-	-	-
A4.9.	**AIRCRAFT RECORDING SYSTEM TR: Applicable -2 TOs**											
A4.9.1.	Perform Airborne Video Tape Recording (AVTR) cartridge replacement								-	-	-	-
A4.9.2.	Program FLR mission data								-	-	-	-
A4.10.	**FLIGHT CONTROL SYSTEM TR: Applicable -2 TOs**											
A4.10.1.	Leading edge flap components and system operation								B	-	-	B

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.10.2.	Rudder components and system operation								B	-	-	B
A4.10.3.	Horizontal stabilizer components and system operation								B	-	-	B
A4.10.4.	Flaperon components and system operation								B	-	-	B
A4.10.5.	Speedbrake components and system operation								B	-	-	B
A4.10.6.	Remove/inspect/install											
A4.10.6.1.	Leading edge flap								-	-	-	-
A4.10.6.2.	Rotary actuator								-	-	-	-
A4.10.6.3.	Torque shaft								-	-	-	-
A4.10.6.4.	Asymmetry brake								-	-	-	-
A4.10.6.5.	Power drive unit (PDU)								-	-	-	-
A4.10.6.6.	Command servo assembly								-	-	-	-
A4.10.6.7.	Angle gearbox								-	-	-	-
A4.10.6.8.	Rudder assembly								-	-	-	-
A4.10.6.9.	Horizontal stabilizer assembly								-	-	-	-
A4.10.6.10.	Stabilizer bearing set								-	-	-	-
A4.10.6.11.	Flaperon assembly								-	-	-	-
A4.10.6.12.	Speedbrake assembly								-	-	-	-
A4.10.6.13.	Speedbrake control valve								-	-	-	-
A4.10.6.14.	Remove/inspect/install Integrated Servo Actuator (ISA)											
A4.10.6.14.1.	Rudder								-	-	-	-
A4.10.6.14.2.	Flaperon								-	-	-	-
A4.10.6.14.3.	Stab								-	-	-	-
A4.10.7.	Service											
A4.10.7.1.	PDU oil								-	-	-	-

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.10.7.2.	Flight control accumulator								3c	-	-	-
A4.10.8.	Rig											
A4.10.8.1.	Asymmetry brakes								-	-	-	B
A4.10.8.2.	Leading edge flaps								-	-	-	B
A4.10.8.3.	Flaperon								-	-	-	-
A4.10.8.4.	Horizontal stab								-	-	-	-
A4.10.8.5.	Rudder								-	-	-	-
A4.10.9.	Perform operational check											
A4.10.9.1.	Leading edge flaps								-	-	-	B
A4.10.9.2.	Rudder								-	-	-	-
A4.10.9.3.	Horizontal stabilizer								-	-	-	-
A4.10.9.4.	Flaperons								-	-	-	-
A4.10.9.5.	Speed brakes								-	-	-	-
A4.10.9.6.	Manual trim								-	-	-	-
A4.10.9.7.	System self-test								A	-	-	B
A4.10.10.	Troubleshoot flight controls								-	-	c	B
A4.11.	**FUEL SYSTEM TR: Applicable AFOSH Stds; Applicable -2 TOs**											
A4.11.1.	Fuel components and system operation								B	-	-	B
A4.11.2.	Inflight refuel components and system operation								B	-	-	B
A4.11.3.	Remove/inspect/install											
A4.11.3.1.	External fuel tank assembly	*							3c	-	-	-
A4.11.3.2.	Centerline external tank assembly	*							3c	-	-	-
A4.11.3.3.	Slipway door assembly								-	-	-	-
A4.11.3.4.	Slipway door actuator								-	-	-	-
A4.11.3.5.	Slipway door control valve								-	-	-	-

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.11.4. Adjust slipway door								-	-	-	-
A4.11.5. Classification of fuel leaks								A	B	-	-
A4.11.6. Service											
A4.11.6.1. Refuel aircraft without external power	*							3c	-	-	-
A4.11.6.2. Refuel aircraft with external power											
A4.11.6.2.1. Team member								-	-	-	-
A4.11.6.2.2. Supervisor								-	-	-	-
A4.11.6.3. Refuel aircraft (engine operating)											
A4.11.6.3.1. Team member								-	-	-	-
A4.11.6.3.2. Supervisor								-	-	-	-
A4.11.6.3.3. Evaluator/trainer								-	-	-	-
A4.11.6.4. Defuel aircraft											
A4.11.6.4.1. Team member	*							2b	-	-	-
A4.11.6.4.2. Supervisor								-	-	-	-
A4.11.6.5. Over-the-wing refuel											
A4.11.6.5.1. Team member								2b	-	-	-
A4.11.6.5.2. Supervisor								-	-	-	-
A4.11.6.6. Over-the-wing defuel aircraft											
A4.11.6.6.1. Team member								2b	-	-	-
A4.11.6.6.2. Supervisor								-	-	-	-
A4.11.7. Perform operational check											
A4.11.7.1. Internal transfer								b	-	-	-
A4.11.7.2. External transfer								-	-	-	-
A4.11.7.3. Fuel quantity select switch								2b	-	-	-
A4.11.8. Aerial refuel slipway door assembly checkout								-	-	-	-
A4.11.9. Troubleshoot fuel system								-	-	-	-

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.12. HYDRAULIC POWER SYSTEM TR: Applicable –2 TOs											
A4.12.1. Hydraulic components and system operation								B	-	-	B
A4.12.2. Remove/inspect/install											
A4.12.2.1. Pump								-	-	-	-
A4.12.2.2. Manifold assembly								-	-	-	-
A4.12.2.3. Transmitter								-	-	-	-
A4.12.2.4. Filter/assembly	*							2b	-	-	-
A4.12.2.5. Delta P	*							2b	-	-	-
A4.12.2.6. Hydraulic reservoir								-	-	-	-
A4.12.2.7. Flight control accumulators								-	-	-	-
A4.12.2.8. Cockpit indicators								-	-	-	-
A4.12.2.9. Accumulator pressure gauges								-	-	-	-
A4.12.3. Connect and disconnect hydraulic tubing/hoses and fittings								2b	-	-	-
A4.12.4. Service reservoir accumulator	*							3c	-	-	-
A4.12.5. Hydraulic reservoir											
A4.12.5.1. Drain								-	-	-	-
A4.12.5.2. Flush								-	-	-	-
A4.12.5.3. Bleed	*							a	-	-	-
A4.12.5.4. Service (Static)	*							3c	-	-	-
A4.12.5.5. Service (Engine operating)								a	-	-	-
A4.12.6. Obtain fluid sample								-	-	-	-
A4.12.7. Perform operational check								-	-	-	-
A4.12.8. Troubleshoot hydraulic system								-	-	c	B
A4.13. ACCESSORY DRIVE AND ENGINE START SYSTEM											

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.13.1.	Accessory Drive Gearbox (ADG) components and system operation								A	-	-	-
A4.13.2.	Engine Start System (ESS) components and system operation								A	-	-	-
A4.13.2.1.	Engine Start System tester								-	-	-	-
A4.13.2.2.	Digital Engine Start System Control (DESSC) tester								-	-	-	-
A4.13.2.3.	Track DESSC data								-	-	-	-
A4.13.3.	Troubleshoot engine start system								-	-	c	B
A4.13.4.	Remove/inspect/install											
A4.13.4.1.	Jet Fuel Starter (JFS)								2b	-	-	-
A4.13.4.2.	Engine and jet start panel								-	-	-	-
A4.13.4.3.	Fuel control								-	-	-	-
A4.13.4.4.	Clutch servo valve								-	-	-	-
A4.13.4.5.	Thermocouple harness								-	-	-	-
A4.13.4.6.	Door control valve								-	-	-	-
A4.13.4.7.	Hand pump								-	-	-	-
A4.13.4.8.	Hydraulic start motor								-	-	-	-
A4.13.4.9.	Hydraulic start manifold								-	-	-	-
A4.13.4.10.	Accumulator								-	-	-	-
A4.13.4.11.	JFS fuel valves								-	-	-	-
A4.13.4.12.	JFS exciter								-	-	-	-
A4.13.4.13.	JFS hydraulic solenoid valves								-	-	-	-
A4.13.4.14.	JFS controller								-	-	-	-
A4.13.4.15.	ADG								-	-	-	-
A4.13.4.15.1.	Power take-off shaft								2b	-	-	-
A4.13.4.15.2.	Oil filters								2b	-	-	-
A4.13.4.15.3.	Magnetic chip detectors								-	-	-	-

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.13.4.15.4.	Differential pressure indicators (Delta P)								-	-	-	-
A4.13.4.15.5.	Speed sensors (JFS/PTO)								-	-	-	-
A4.13.5.	Service											
A4.13.5.1.	JFS accumulators	*							3c	-	-	-
A4.13.5.2.	Accessory drive gearbox oil	*							3c	-	-	-
A4.13.6.	Remove/inspect/install											
A4.13.6.1.	Throttle quadrant								-	-	-	B
A4.13.6.2.	Interconnect cable								-	-	-	B
A4.13.6.3.	Rack assembly								-	-	-	B
A4.13.7.	Rig throttle								-	-	-	-
A4.13.8.	Perform throttle inspection	*							2b	-	-	-
A4.14.	**ENGINE (General Electric) TR: Applicable –2 TOs AFOSH Std 9-100**											
A4.14.1.	Engine components and system operation								A	-	-	B
A4.14.2.	Engine monitoring system											
A4.14.2.1.	Engine monitoring components and system operation								A	-	-	-
A4.14.2.2.	Use Comprehensive Engine Management System (CEMS IV)								-	-	-	-
A4.14.2.3.	Retrieve engine monitoring data								-	-	-	-
A4.14.2.4.	Analyze data								-	-	-	B
A4.14.3.	Engine power control components and system operation								A	-	-	-
A4.14.4.	Engine oil system								A	-	-	-
A4.14.5.	Take engine oil sample TR: TOs 42B2-1-9; 33-1-37								-	-	-	-
A4.14.6.	Scanning Electron Microscope Energy Dispersive X-ray (SEMEDX)								-	-	-	-

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.14.7. Remove/inspect/install											
A4.14.7.1. Engine		* / R						-	-	-	-
A4.14.7.2. Anti-ice valve								-	-	-	-
A4.14.7.3. Main igniter								-	-	-	-
A4.14.7.4. Augmenter igniter								-	-	-	-
A4.14.7.5. Remove/inspect/install electronic control systems components											
A4.14.7.5.1. Digital electronic control (DEC)								-	-	-	-
A4.14.7.5.2. Main Engine Control (MEC)								-	-	-	-
A4.14.7.5.3. Augmenter Fan Temperature Control (AFTC) General Electric								-	-	-	-
A4.14.7.6. Fuel Filter								-	-	-	-
A4.14.7. 7. Remove/inspect/install											
A4.14.7.7.1. Oil Filters								-	-	-	-
A4.14.7.7.2. Oil tank								-	-	-	-
A4.14.7.7.3. Oil pump								-	-	-	-
A4.14.7.7.4. Fuel oil cooler								-	-	-	-
A4.14.7.7.5. Oil pressure transmitter								-	-	-	-
A4.14.7.8. Fuel pumps											
A4.14.7.8.1. Main								-	-	-	-
A4.14.7.8.2. Fuel boost pump								-	-	-	-
A4.14.7.8.3. Augmenter								-	-	-	-
A4.14.7.9. Augmenter Fuel Control								-	-	-	-
A4.14.7.10. Ignition exciter								-	-	-	-
A4.14.7.11. Ignition leads								-	-	-	-
A4.14.7.12. Alternator/Stator generator								-	-	-	-
A4.14.7.13. Electrical harnesses								-	-	-	-
A4.14.7.14. Engine plumbing								-	-	-	-

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.14.7.15. Signal data converter								-	-	-	-
A4.14.7.16. Engine warning control unit								-	-	-	-
A4.14.7.17. Lube and scavenge pump								-	-	-	-
A4.14.7.18. Engine oil level sensor and temperature switch								-	-	-	-
A4.14.7.19. Fan Inlet Guide Vane (IGV) actuators								-	-	-	-
A4.14.7.20. Variable Stator Vane (VSV) actuators								-	-	-	-
A4.14.7.21. VSV feedback cable								-	-	-	-
A4.14.7.22. Engine hydraulic oil pump								-	-	-	-
A4.14.7.23. Local fuel distributors								-	-	-	-
A4.14.7.24. Core distributors								-	-	-	-
A4.14.7.25. Fan distributors								-	-	-	-
A4.14.7.26. Exhaust nozzle hydraulic Actuators								-	-	-	-
A4.14.7.27. Exhaust nozzle Linear Variable Differential Transducer (LVDT)								-	-	-	-
A4.14.7.28. Engine Monitoring System Computer (EMSC)								-	-	-	-
A4.14.7.29. Engine Monitoring System Processor (EMSP)								-	-	-	-
A4.14.7.30. EMSC battery								-	-	-	-
A4.14.7.31. Engine monitor system ground test panel								-	-	-	-
A4.14.7.32. Remove/inspect/install augmenter/exhaust nozzle											
A4.14.7.32.1. Divergent nozzle segment/ divergent flap								-	-	-	-
A4.14.7.32.2. Divergent nozzle seal segment/ divergent seal								-	-	-	-
A4.14.7.32.3. External nozzle segment/outer flap								-	-	-	-

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.14.7.32.4. Convergent nozzle segment liner/ primary flap								-	-	-	-
A4.14.7.32.5. Convergent nozzle segment seal line/primary seal								-	-	-	-
A4.14.7.32.6. Liner								-	-	-	-
A4.14.7.32.7. Flameholder								-	-	-	-
A4.14.7.33. Remove/inspect/install sensors											
A4.14.7.33.1. Flame Sensor								-	-	-	-
A4.14.7.33.2. Fan inlet temperature sensor (T2)								-	-	-	-
A4.14.7.33.3. Fan discharge temperature sensor (T2.5)								-	-	-	-
A4.14.7.33.4. T4B pyrometer								-	-	-	-
A4.14.7.33.5. T5.6 thermocouple								-	-	-	-
A4.14.7.33.6. Anti-ice probe								-	-	-	-
A4.14.7.33.7. Low oil pressure switch								-	-	-	-
A4.14.7.33.8. Engine oil level sensor and temperature switch								-	-	-	-
A4.14.7.33.9. Engine oil differential pressure Switch								-	-	-	-
A4.14.8. Inspect engine bay		*						-	-	-	-
A4.14.9. Inspect and clean flame sensor	*							2b	-	-	-
A4.14.10. Perform engine borescope inspection								-	-	-	B
A4.14.11. Use engine warning tester								-	-	-	-
A4.14.12. Rig											
A4.14.12.1. Exhaust nozzle Linear Variable Differential Transducer (LVDT)								-	-	-	-
A4.14.12.2. Inlet Guide Vanes (IGV)								-	-	-	-
A4.14.12.3. Variable Stator Vanes (VSV)								-	-	-	-
A4.14.13. Service engine oil	*							-	-	-	-
A4.14.14. Inspect engine, fan, and exhaust											

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.14.14.1.	Engine pre-installation (Eng -6)								-	-	-	-
A4.14.14.2.	Inlet fan blades								-	-	-	-
A4.14.14.3.	Exhaust section								-	-	-	-
A4.14.15.	Blend engine fan blades								-	-	-	-
A4.14.16.	Inspect engine magnetic chip detector(s) TR: Applicable -2 TOs	*							-	-	-	-
A4.14.17.	Troubleshoot engine malfunction								-	-	c	B
A4.14.18.	Engine run											
A4.14.18.1.	Perform engine intake and exhaust inspection								-	-	-	-
A4.14.18.2.	Perform engine run operation (Low power)								-	-	-	-
A4.14.18.3.	Perform engine run operation (High power/restrained)								-	-	-	-
A4.14.18.4.	Perform engine and associated systems leak and operational check								-	-	-	-
A4.15.	**ENGINE (Pratt and Whitney) TR: Applicable -2 TOs AFOSH Std 91-100**											
A4.15.1.	Engine components and system operation								A	-	-	B
A4.15.2.	Engine monitoring system											
A4.15.2.1.	Engine monitoring components and system operation								A	-	-	-
A4.15.2.2.	Use Comprehensive Engine Management System (CEMS IV)								-	-	-	-
A4.15.2.3.	Retrieve engine monitoring data								-	-	-	-
A4.15.2.4.	Analyze data								-	-	-	B
A4.15.3.	Engine power control components and system operation								A	-	-	-
A4.15.4.	Engine oil system								A	-	-	-
A4.15.5.	Take engine oil sample TR: TOs 42B2-1-9; 33-1-37	*							3c	-	-	-

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.15.6.	Remove/inspect/install											
A4.15.6.1.	Fuel filter								2b	-	-	-
A4.15.6.2.	Oil filter								2b	-	-	-
A4.15.6.3.	Oil tank								-	-	-	-
A4.15.6.4.	Oil Pump								-	-	-	-
A4.15.6.5.	Fuel oil cooler								-	-	-	-
A4.15.6.6.	Oil pressure transmitter								-	-	-	-
A4.15.6.7.	Engine		*/R						-	-	-	-
A4.15.6.8.	Anti-ice valve								-	-	-	-
A4.15.6.9.	Main Igniter								-	-	-	-
A4.15.6.10.	Augmenter igniter								-	-	-	-
A4.15.6.11.	Remove/inspect/install fuel pumps											
A4.15.6.11.1.	Main								-	-	-	-
A4.15.6.11.2.	Augmenter								-	-	-	-
A4.15.6.12.	Remove/inspect/install fuel controls											
A4.15.6.12.1.	Main								-	-	-	-
A4.15.6.12.2.	Augmenter								-	-	-	-
A4.15.6.13.	Remove/inspect/install ignition and electrical components											
A4.15.6.13.1.	Ignition exciter								-	-	-	-
A4.15.6.13.2.	Ignition leads								-	-	-	-
A4.15.6.13.3.	Alternator/stator generator								-	-	-	-
A4.15.6.13.4.	Electrical harnesses								-	-	-	-
A4.15.6.14.	Engine plumbing								-	-	-	-
A4.15.6.15.	Remove/inspect/install Augmenter/exhaust nozzle											
A4.15.6.15.1.	Divergent nozzle segment/ divergent flap								-	-	-	-

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.15.6.15.2. Divergent nozzle seal segment/ divergent seal								-	-	-	-
A4.15.6.15.3. External nozzle segment/outer flap								-	-	-	-
A4.15.6.15.4. Convergent nozzle segment liner/ primary flap								-	-	-	-
A4.15.6.15.5. Convergent nozzle segment seal line/primary seal								-	-	-	-
A4.15.6.15.6. Liner								-	-	-	-
A4.15.6.15.7. Flameholder								-	-	-	-
A4.15.6.16. Remove/inspect/install electronic control systems components											
A4.15.6.16.1. Digital Electronic Engine Control (DEEC)								-	-	-	-
A4.15.6.16.2. Electronic Engine Control (EEC)								-	-	-	-
A4.15.6.16.3. Engine Diagnostic Unit (EDU)								-	-	-	-
A4.15.6.16.4. Convergent Exhaust Nozzle Control (CENC)								-	-	-	-
A4.15.6.16.5. Flex shaft (Pratt & Whitney)								-	-	-	-
A4.15.6.17. Remove/inspect/install sensors											
A4.15.6.17.1. Light-off detector								-	-	-	-
A4.15.6.17.2. Dual/quad/fan-speed (N-1)								-	-	-	-
A4.15.6.17.3. N-2 speed sensor								-	-	-	-
A4.15.6.17.4. Fan Turbine Inlet Temperature (FTIT) probe								-	-	-	-
A4.15.6.17.5. Anti-ice probe								-	-	-	-
A4.15.6.17.6. Total Temperature 2 (TT2)								-	-	-	-
A4.15.6.17.7. PS-2 probe								-	-	-	-
A4.15.6.17.8. Low oil pressure switch								-	-	-	-
A4.15.6.18. Signal data converter								-	-	-	-
A4.15.6.19. Engine warning control unit								-	-	-	-

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.15.6.20.	Lube and scavenge pump								-	-	-	-
A4.15.6.21.	Engine oil level sensor and temperature switch.								-	-	-	-
A4.15.7.	Inspect engine bay		*						-	-	-	B
A4.15.8.	Inspect and clean light off detector	*							-	-	-	-
A4.15.9.	Perform engine borescope inspection								-	-	-	B
A4.15.10.	Use special test equipment											
A4.15.10.1.	Ignition tester								-	-	-	-
A4.15.10.2.	Engine warning tester								-	-	-	-
A4.15.11.	Service engine oil	*							3c	-	-	-
A4.15.12.	Blend engine fan blades								-	-	-	-
A4.15.13.	Inspect											
A4.15.13.1.	Inspect engine magnetic chip detector(s) TR: Applicable 2 TOs	*							3c	-	-	-
A4.15.13.2.	Engine pre-installation (Eng-6)								-	-	-	-
A4.15.13.3.	Inlet fan blades								-	-	-	-
A4.15.13.4.	Exhaust section								-	-	-	-
A4.15.14.	Rig											
A4.15.14.1.	Convergent Exhaust Nozzle Control (CENC)								-	-	-	-
A4.15.14.2.	Compressor Inlet Variable Vanes								-	-	-	-
A4.15.14.3.	Rear Compressor Variable Vanes								-	-	-	-
A4.15.15.	Troubleshoot engine malfunction								-	-	c	B
A4.15.16.	Engine run											
A4.15.16.1.	Perform engine intake and exhaust inspection								-	-	-	-
A4.15.16.2.	Perform engine run operation (Low power) TR: 1F-16()-2-70JG-00-11											

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.15.16.3.	Perform engine run operation (High power/restrained) TR: 1F-16()-2-70JG-00-12								-	-	-	-
A4.15.16.4.	Perform engine and associated systems leak and operational check TR: 1F-16()-2-70FI-00-1								-	-	-	-
A4.16.	**ENGINE: (Common)**											
A4.16.1.	Aircraft restraining devices TR: 1F-16()-2-70JG-00-12											
A4.16.1.1.	Remove								-	-	-	-
A4.16.1.2.	Install								-	-	-	-
A4.16.1.3.	Inspect								-	-	-	-
A4.16.2.	Anti-personnel screen (run screen) TR: 1F-16()-2-70JG-00-()											
A4.16.2.1.	Inspect								-	-	-	-
A4.16.2.2.	Install								-	-	-	-
A4.16.2.3.	Remove								-	-	-	-
A4.17.	**ELECTRICAL SYSTEM TR: Applicable -2 TOs**											
A4.17.1.	Electrical components and system operation								B	-	-	-
A4.17.2.	Connect/apply external power	*							3c	-	-	-
A4.17.3.	Disconnect external power	*							3c	-	-	-
A4.17.4.	Remove/inspect/install											
A4.17.4.1.	Batteries	*							2b	-	-	-
A4.17.4.2.	Light lenses								2b	-	-	-
A4.17.4.3.	Light lamps								2b	-	-	-
A4.17.5.	Operate											
A4.17.5.1.	Interior lighting								2b	-	-	-
A4.17.5.2.	Exterior lighting								2b	-	-	-
A4.17.5.3.	Night Vision Imaging (NVI) system											

F-16 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A4.17.5.3.1.	Interior								-	-	-	-
A4.17.5.3.2.	Exterior								-	-	-	-
A4.17.6.	Service constant speed drive	*							2b	-	-	-
A4.17.7.	Remove and replace CSD system filters								-	-	-	-
A4.17.8.	Troubleshoot								-	-	-	-
A4.18.	**SUPPORT EQUIPMENT TR: AFOSH Std. 91-100; Applicable TOs**											
A4.18.1.	F-16 hand steering bar TR: TO 35B5 Series											
A4.18.1.1.	Perform pre-use inspection								-	-	-	-
A4.18.1.2.	Use								-	-	-	-
A4.18.2.	Fuel tank installation and removal dollies											
A4.18.2.1.	Pre-use inspection								3c	-	-	-
A4.18.2.2.	Use								3c	-	-	-
A4.18.3.	Fuel tank removal and installation stores loader/lift truck											
A4.18.3.1.	Pre-use inspection								3c	-	-	-
A4.18.3.2.	Use								3c	-	-	-

A-10 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
NOTE 1: Use this attachment in conjunction with STS 2A3X3 attachment 2.											
NOTE 2: All task/knowledge taught in the initial skills course trained in the resident wartime courses. The resident 7-level course is not taught during wartime.											
NOTE 3: Items in column 2 marked with an asterisk (*) are the core tasks for either the 5 or 7 skill level and are required for upgrade. Items marked with an (*/R) are not required by AFRC and ANG for upgrade.											
A5.1. AIRCRAFT GENERAL TR: TO 00-20-5; Applicable TOs											
A5.1.1. Phase inspection concept and inspections											
A5.1.1.1. Phase inspection concept								B	-	-	-
A5.1.1.2. Perform inspections											
A5.1.1.2.1. Phase								-	-	-	-
A5.1.1.2.2. Preflight	*							3c	-	-	-
A5.1.1.2.3. Thruflight	*							3c	-	-	-
A5.1.1.2.4. Basic Postflight	*							3c	-	-	-
A5.1.1.2.5. Combined preflight/postflight	*							3c	-	-	-
A5.1.1.2.6. End of runway								-	-	-	-
A5.1.1.2.7. Special								-	-	-	-
A5.1.1.2.8. Gun bay								-	-	-	-
A5.1.1.2.9. Acceptance								-	-	-	-
A5.1.1.2.10. Calendar								-	-	-	-
A5.1.1.2.11. Time replacement item								-	-	-	-
A5.1.1.3. Avionics system components operation								A	-	-	-
A5.1.1.4. Weapons system components and operation								A	-	-	-
A5.1.1.5. Crash Damaged or Disabled Aircraft Recovery (CDDAR)											
A5.1.1.5.1. Air bags TR: TO 35D5-5-3-11											
A5.1.1.5.1.1. Pre-use inspection								-	-	-	-

A-10 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A5.1.1.5.1.2. Use								-	-	-	-
A5.1.1.5.2. Wheel skates TR: TO 35D3-32-3-1											
A5.1.1.5.2.1. Pre-use inspection								-	-	-	-
A5.1.1.5.2.2. Use								-	-	-	-
A5.1.1.5.3. Slings TR: TO 35D6-1-106											
A5.1.1.5.3.1. Pre-use inspection								-	-	-	-
A5.1.1.5.3.2. Use								-	-	-	-
A5.1.2. Aircraft communication equipment TR: TO 1A-10A-2-23JG-2											
A5.1.2.1. Operate UHF								-	-	-	-
A5.1.2.2. Use interphone	*							2b	-	-	-
A5.1.3. Perform ground handling TR: AFI 11-218; AFOSH Standard 127-100, TO 00-25-172											
A5.1.3.1. Launch aircraft	*							3c	-	-	-
A5.1.3.2. Recover aircraft	*							3c	-	-	-
A5.1.3.3. Marshall aircraft	*							3c	-	-	-
A5.1.3.4. Tow aircraft											
A5.1.3.4.1. Tow team member	*							2b	-	-	-
A5.1.3.4.2. Tow team supervisor		*						-	-	-	-
A5.1.3.4.3. Tow vehicle operator								-	-	-	-
A5.1.3.5. Moor aircraft								a	-	-	-
A5.1.3.6. Jack and level aircraft											
A5.1.3.6.1. Jacking team member	*							3c	-	-	-
A5.1.3.6.2. Jacking supervisor		*						-	-	-	-
A5.1.3.6.3. Axle jacking	*							3c	-	-	-

A-10 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A5.1.3.7.	Prepare aircraft for wash								a	-	-	-
A5.1.3.8.	Perform post wash lubrication								2b	-	-	-
A5.1.4.	Assist in weight and balance TR: TO 1-1B-50								-	-	-	-
A5.1.5.	Safe aircraft for maintenance TR: TO 1A-10A-2-4JG-1	*							3c	-	-	-
A5.1.6.	Use A-10 technical orders											
A5.1.6.1.	Job Guides	*							3c	-	-	-
A5.1.6.2.	Work Cards	*							3c	-	-	-
A5.1.6.3.	Illustrated Parts Breakdown (IPB)	*							3c	-	-	-
A5.1.6.4.	General Description	*							3c	-	-	-
A5.1.6.5.	Maintenance Supplement		*						-	-	-	-
A5.1.6.6.	Troubleshooting Manual		*						-	-	c	B
A5.1.7.	Document other aircraft forms								2b	-	-	-
A5.1.8.	Complete course J6ANU00066 043								-	-	-	-
A5.2.	**AIRFRAME SYSTEMS TR: Applicable -2 TOs**											
A5.2.1.	Airframe components and construction								A	B	-	-
A5.2.2.	Remove/inspect/install open and close airframe components											
A5.2.2.1.	Stress panels and doors	*							2b	-	-	-
A5.2.2.2.	Variable ballast								-	-	-	-
A5.2.2.3.	Fixed ballast								-	-	-	-
A5.2.2.4.	Outer nacelle doors	*							2b	-	-	-
A5.2.2.5.	Inner shrouds	*							2b	-	-	-
A5.2.2.6.	Windscreen											
A5.2.2.6.1.	Raise and lower	*							2b	-	-	-
A5.2.2.6.2.	Remove/inspect/install								-	-	-	-

A-10 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A5.2.2.6.3.	Breakdown and buildup								-	-	-	-
A5.2.2.7.	Cargo pods	*							2b	-	-	-
A5.3.	**LANDING GEAR SYSTEMS TR: Applicable -2 TOs**											
A5.3.1.	Landing gear system components and operation								A	B	-	-
A5.3.2.	Operate											
A5.3.2.1.	Landing gear								1b	-	-	-
A5.3.2.2.	Brakes								1b	-	-	-
A5.3.2.3.	Steering system								-	-	-	-
A5.3.2.4.	Anti-skid system								-	-	-	-
A5.3.2.5.	Auxiliary extension system								-	-	-	-
A5.3.2.6.	Emergency brake system	*							2b	-	-	-
A5.3.3.	Landing gear struts											
A5.3.3.1.	Initial servicing								-	-	-	-
A5.3.3.2.	Routine servicing	*							2b	-	-	-
A5.3.4.	Service tires	*							3c	-	-	-
A5.3.5.	Lubricate landing gear components								-	-	-	-
A5.3.6.	Remove/inspect/install landing gear components											
A5.3.6.1.	Nose wheel and tire assembly	*							3c	-	-	-
A5.3.6.2.	Main wheel and tire assembly	*							3c	-	-	-
A5.3.6.3.	Brake assembly	*							2b	-	-	-
A5.3.6.4.	Bleed brakes	*							1b	-	-	-
A5.3.6.5.	NLG strut								-	-	-	-
A5.3.6.6.	NLG actuator								-	-	-	-
A5.3.6.7.	MLG strut								-	-	-	-
A5.3.6.8.	MLG actuator								-	-	-	-

A-10 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A5.3.6.9.	Emergency selector valve								-	-	-	-
A5.3.7.	Determine serviceability of aircraft tires TR: 4T-1-3	*							2b	-	-	-
A5.3.8.	Wheel and tire assembly build-up and tear-down								-	-	-	-
A5.3.9.	Repack landing gear struts								-	-	-	-
A5.3.10.	Troubleshoot landing gear systems								-	-	c	B
A5.4.	**UTILITY SYSTEMS TR: Applicable -2 TOs**											
A5.4.1.	Utility system components and operation								A	B	-	-
A5.4.2.	Oxygen system TR: TOs 00-25-172, 1A-10A-2-12JG-1											
A5.4.2.1.	Service	*							3c	-	-	-
A5.4.2.2.	Purge								-	-	-	-
A5.4.3.	Remove/inspect/install LOX converter	*							3c	-	-	-
A5.5.	**FLIGHT CONTROL SYSTEM TR: Applicable -2 TOs**											
A5.5.1.	Flight control system components and operation								A	B	-	-
A5.5.2.	Operate flight controls											
A5.5.2.1.	Normal								-	-	-	-
A5.5.2.2.	Manual reversion								-	-	-	-
A5.5.3.	Remove/inspect/install											
A5.5.3.1.	Rudders								-	-	-	-
A5.5.3.2.	Elevators								-	-	-	-
A5.5.3.3.	Decelerons								-	-	-	-
A5.5.3.4.	Slats								-	-	-	-
A5.5.3.5.	Flaps								-	-	-	-
A5.5.3.6.	Flight control disconnector								-	-	-	-

A-10 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A5.5.3.7.	Flight control bell crank assembly								-	-	-	-
A5.5.3.8.	Flight control cables								-	-	-	-
A5.5.4.	Inspect flight control system and components TR: TO 1A-10A-6											
A5.5.4.1.	Flight control bell crank assembly TR: -27 Series TOs								-	-	-	-
A5.5.4.2.	Flight control cables TR: -27 Series TOs								-	-	-	-
A5.5.5.	Lubricate											
A5.5.5.1.	Flight controls								-	-	-	-
A5.5.5.2.	Flight control disconnector								-	-	-	-
A5.5.6.	Rig flight control systems											
A5.5.6.1.	Primary								-	-	-	-
A5.5.6.2.	Secondary								-	-	-	-
A5.5.7.	Troubleshoot flight control systems											
A5.5.7.1.	Primary								-	-	c	B
A5.5.7.2.	Secondary								-	-	c	B
A5.6.	**HYDRAULIC SYSTEM TR: Applicable -2 TOs**											
A5.6.1.	Hydraulic system components and operation TR: Applicable -2 TOs								A	B	-	-
A5.6.2.	Service											
A5.6.2.1.	Accumulators	*							3c	-	-	-
A5.6.2.2.	Reservoir	*							3c	-	-	-
A5.6.3.	Bleed								-	-	-	-
A5.6.4.	Drain hydraulic reservoir								-	-	-	-
A5.6.5.	Flush								-	-	-	-
A5.6.6.	Remove/install/inspect											

A-10 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A5.6.6.1.	Actuators								-	-	-	-
A5.6.6.2.	Accumulators								-	-	-	-
A5.6.6.3.	Lines								-	-	-	-
A5.6.6.4.	Filters								-	-	-	-
A5.6.6.5.	Reservoir								-	-	-	-
A5.6.7.	Troubleshoot hydraulic system								-	-	c	B
A5.7.	**ENGINE SYSTEM TR: Applicable -2 TOs**											
A5.7.1.	Engine system components and operation								A	B	-	-
A5.7.2.	Remove/install/inspect											
A5.7.2.1.	Starter								-	-	-	-
A5.7.2.2.	Starter control valve								-	-	-	-
A5.7.2.3.	Fuel pump								-	-	-	-
A5.7.2.4.	Fuel control								-	-	-	-
A5.7.2.5.	IDG								-	-	-	-
A5.7.2.6.	Fan blades								-	-	-	-
A5.7.2.7.	Hydraulic pump								-	-	-	-
A5.7.2.8.	Engine								-	-	-	-
A5.7.2.9.	Throttle quadrants								-	-	-	-
A5.7.2.10.	Throttle cables								-	-	-	-
A5.7.2.11.	Spinner domes								-	-	-	-
A5.7.2.12.	Expansion ring								-	-	-	-
A5.7.2.13.	Aft shroud								-	-	-	-
A5.7.2.14.	Fuel flow transmitter								-	-	-	-
A5.7.2.15.	Oil pressure transmitter								-	-	-	-
A5.7.2.16.	Tachometer generator								-	-	-	-
A5.7.2.17.	Oil pressure switch								-	-	-	-

A-10 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A5.7.3.	Perform 100 hour engine inspection TR: TO 1A-10A-6								-	-	-	-
A5.7.4.	Rig engine components								-	-	-	-
A5.7.5.	Take oil sample TR: TOs 42B2-1-9, 33-1-37, 1A-10A-2-12JG-1	*							3c	-	-	-
A5.7.6.	Service											
A5.7.6.1.	Oil system	*							3c	-	-	-
A5.7.6.2.	Integrated Drive Generator (IDG)	*							b	-	-	-
A5.7.7.	Drain											
A5.7.7.1.	Oil system								-	-	-	-
A5.7.7.2.	IDG								-	-	-	-
A5.7.8.	Engine water wash								-	-	-	-
A5.7.9.	Borescope equipment								-	-	-	-
A5.7.10.	Engine hoist and beams								-	-	-	-
A5.7.11.	Troubleshoot engine system								-	-	c	B
A5.7.12.	Turbine engine monitoring system (TEMS)											
A5.7.12.1.	Components and operation								A	-	-	-
A5.7.12.2.	Remove/inspect/install components								-	-	-	-
A5.7.12.3.	Troubleshoot TEMS								-	-	-	-
A5.7.13.	Trim engines								-	-	-	-
A5.7.14.	Use vibration analyzer								-	-	-	-
A5.7.15.	Auxiliary Power Unit (APU) components and operation								A	-	-	-
A5.7.15.1.	Service APU	*							3c	-	-	-
A5.7.15.2.	Remove/install/inspect											
A5.7.15.2.1.	APU								-	-	-	-

A-10 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A5.7.15.2.2. Generator								-	-	-	-
A5.7.15.2.3. Fuel control								-	-	-	-
A5.7.15.2.4. Hydraulic pump								-	-	-	-
A5.7.15.2.5. APU control box								-	-	-	-
A5.7.15.2.6. Starter								-	-	-	-
A5.7.15.2.7. Filters								-	-	-	-
A5.7.16. Troubleshoot APU								-	-	c	B
A5.8. FUEL SYSTEM TR: Applicable –2 TO, TO 00-25-172, Applicable AFOSH Standards											
A5.8.1. Fuel system components and operation											
A5.8.1.1. Internal								A	B	-	-
A5.8.1.2. External								A	B	-	-
A5.8.2. Refuel aircraft	*							3c	-	-	-
A5.8.3. Defuel aircraft											
A5.8.3.1. Team member	*							1b	-	-	-
A5.8.3.2. Team supervisor		*						-	-	-	-
A5.8.4. Remove/inspect/install external fuel tanks								1b	-	-	-
A5.8.5. Leak and transfer check								-	-	-	-
A5.8.6. Universal Aerial Refueling Receptacle Slipway Installation (UARRSI)											
A5.8.6.1. UARRSI system components and operation								A	-	-	-
A5.8.6.2. Inspect system components								-	-	-	-
A5.9. ELECTRICAL SYSTEM TR: Applicable -2 TOs											
A5.9.1. Electrical system components and operations								A	B	-	-

A-10 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A5.9.2.	Operate lighting system											
A5.9.2.1.	Internal								2b	-	-	-
A5.9.2.2.	External								2b	-	-	-
A5.9.3.	Remove/install/inspect											
A5.9.3.1.	Light lenses								-	-	-	-
A5.9.3.2.	Light bulbs								-	-	-	-
A5.9.3.3.	Battery	*							3c	-	-	-
A5.9.4.	Use wiring diagrams								-	-	-	-
A5.9.5.	Connect, apply, and disconnect external electrical power	*							3c	-	-	-
A5.10.	**EGRESS SYSTEM TR: Applicable -2 TOs**											
A5.10.1.	Egress system components and operation								A	-	-	-
A5.10.2.	Perform cockpit entry procedures	*							3c	-	-	-
A5.10.3.	Remove/inspect/install seat and canopy pins	*							3c	-	-	-
A5.10.4.	Operate canopy system											
A5.10.4.1.	Normal	*							3c	-	-	-
A5.10.4.2.	Manual	*							3c	-	-	-
A5.10.4.3.	Seat operation								3c	-	-	-
A5.10.5.	Canopy											
A5.10.5.1.	Remove/inspect/install								-	-	-	-
A5.10.5.2.	Rig								-	-	-	-

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
NOTE 1: Use this attachment in conjunction with STS 2A3X3 attachment 2.											
NOTE 2: All task/knowledge taught in the initial skills course trained in the resident wartime courses. The resident 7-level course is not taught during wartime.											
NOTE 3: Items in column 2 marked with an asterisk (*) are the core tasks for either the 5 or 7 skill level and are required for upgrade. Items marked with an (*/R) are not required by AFRC and ANG for upgrade.											
A6.1. AIRCRAFT GENERAL											
A6.1.1. Use technical orders TR: Applicable F-117A TOs	*							2b	-	-	-
A6.1.2. Use aperture cards								-	-	-	-
A6.1.3. Forms documentation review								B	-	-	-
A6.1.4. Corrosion control program TR: TOs 1-1-169S; 1F-117A-23											
A6.1.4.1. Inspect for corrosion								B	-	-	-
A6.1.4.2. Lubricate								-	-	-	-
A6.1.5. Prepare aircraft for hangar entry								B	-	-	-
A6.1.6. Ground handling TR: AFI 11-218; AFOSH Std 91-100; TO 00-25-172; Applicable -2 TOs Applicable -6 TOs											
A6.1.6.1. Launch aircraft	*							3c	-	-	-
A6.1.6.2. Recover aircraft	*							3c	-	-	-
A6.1.6.3. Marshall aircraft	*							3c	-	-	-
A6.1.6.4. Tow aircraft											
A6.1.6.4.1. Wing/tail walker	*							-	-	-	-
A6.1.6.4.2. Brake operator	*							-	-	-	-
A6.1.6.4.3. Team supervisor		*						-	-	-	-
A6.1.6.4.4. Vehicle operator								-	-	-	-
A6.1.6.5. Moor aircraft								-	-	-	-
A6.1.6.6. Restrain aircraft for high powered engine run								-	-	-	-
A6.1.6.7. Jack aircraft											
A6.1.6.7.1. Tripod jack	*							3c	-	-	-

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.1.6.7.2. Axle jack	*							3c	-	-	-
A6.1.6.7.3. Team member	*							3c	-	-	-
A6.1.6.7.4. Team supervisor		*						-	-	-	-
A6.1.6.7.5. Assist weighing and leveling								-	-	-	-
A6.1.7. Safe aircraft for maintenance TR: Applicable -2 TOs	*							3c	-	-	-
A6.1.8. Phased inspection concept and inspections TR: TOs 00-20-5; 1F-117A-6											
A6.1.8.1. Phase inspection concept								-	-	-	-
A6.1.8.2. Perform inspection											
A6.1.8.2.1. Preflight	*							2b	-	-	-
A6.1.8.2.2. Basic postflight	*							2b	-	-	-
A6.1.8.2.3. Preflight/Basic postflight combination	*							-	-	-	-
A6.1.8.2.4. Walkaround								-	-	-	-
A6.1.8.2.5. End of runway								-	-	-	-
A6.1.8.2.6. Thruflight	*							-	-	-	-
A6.1.8.2.7. Quick turn								-	-	-	-
A6.1.8.2.8. Phase								-	-	-	-
A6.1.8.2.9. Time change item								-	-	-	-
A6.1.8.2.10. Intakes	*							A	-	-	-
A6.1.8.2.11. Exhaust	*							A	-	-	-
A6.1.8.3. Perform special inspections											
A6.1.8.3.1. Acceptance/transfer								-	-	-	-
A6.1.8.3.2. Hard landing inspection								-	-	-	-
A6.1.8.3.3. Over G								-	-	-	-
A6.1.8.4. Crash recovery team member								-	-	-	-
A6.1.9. Ground power											

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.1.9.1.	External electrical power											
A6.1.9.1.1.	Connect/apply	*							3c	-	-	-
A6.1.9.1.2.	Disconnect	*							3c	-	-	-
A6.1.9.2.	External hydraulic power											
A6.1.9.2.1.	Apply								3c	-	-	-
A6.1.9.2.2.	Remove								3c	-	-	-
A6.1.9.3.	External DC power											
A6.1.9.3.1.	Apply								-	-	-	-
A6.1.9.3.2.	Remove								-	-	-	-
A6.1.9.4.	External ground cooling air											
A6.1.9.4.1.	Apply								3c	-	-	-
A6.1.9.4.2.	Remove								3c	-	-	-
A6.1.9.5.	External high pressure air											
A6.1.9.5.1.	Apply								-	-	-	-
A6.1.9.5.2.	Remove								-	-	-	-
A6.1.10.	Cockpit Foreign Object (FO) awareness								A	-	-	-
A6.2.	**AIRFRAME SYSTEMS TR: Applicable -2 TOs**											
A6.2.1.	Airframe components and construction								-	-	-	-
A6.2.2.	Radar Absorbent Material (RAM)											
A6.2.2.1.	Inspect								2b	-	-	-
A6.2.2.2.	Remove								2b	-	-	-
A6.2.2.3.	Install								-	-	-	-
A6.2.3.	Composite materials											
A6.2.3.1.	Construction								-	-	-	-
A6.2.3.2.	Inspect								-	-	-	-

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.2.4.	Remove/inspect/install											
A6.2.4.1.	Access panels	*							3c	-	-	-
A6.2.4.2.	Hingeable doors								-	-	-	-
A6.2.4.3.	Stress panels								-	-	-	-
A6.2.4.4.	Remove/inspect/install Canopy Components											
A6.2.4.4.1.	Canopy transparent panels								-	-	-	-
A6.2.4.4.2.	Canopy latch system components								-	-	-	-
A6.2.4.4.3.	Canopy manual control panel								-	-	-	-
A6.2.4.4.4.	Canopy transfer case gearbox								-	-	-	-
A6.2.4.4.5.	Canopy internal drive gearbox								-	-	-	-
A6.2.4.4.6.	Canopy external drive gearbox								-	-	-	-
A6.2.4.5.	Nose assembly								-	-	-	-
A6.2.4.6.	Engine inlet ducts								-	-	-	-
A6.2.4.7.	Engine inlet grid								-	-	-	-
A6.2.4.8.	Engine inlet blow-in door								-	-	-	-
A6.2.4.9.	Drag chute doors								-	-	-	-
A6.2.4.10.	Aft fuselage nozzle panels								-	-	-	-
A6.2.4.11.	Weapons bay spoilers								-	-	-	-
A6.2.4.12.	Weapons bay door								-	-	-	-
A6.2.4.13.	Cockpit glare shields	*							-	-	-	-
A6.2.4.14.	Cockpit sidewall trim	*							-	-	-	-
A6.2.4.15.	Map and letdown container	*							-	-	-	-
A6.2.4.16.	Fuselage and wing edge panels								-	-	-	-
A6.2.4.17.	Platty panels								-	-	-	-
A6.2.4.18.	Tail edge panels								-	-	-	-
A6.2.4.19.	Stub fin edge panels								-	-	-	-
A6.2.4.20.	Rudder tips								-	-	-	-

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.2.4.21.	Radar enhancers	*							B	-	-	-
A6.2.5.	Rig/Adjust											
A6.2.5.1.	Canopy latch system											
A6.2.5.1.1.	Perform rigging								-	-	-	-
A6.2.5.1.2.	Perform rigging check								-	-	-	-
A6.2.5.1.3.	System checkout								-	-	-	-
A6.2.5.2.	Canopy actuating system											
A6.2.5.2.1.	Rig system components								-	-	-	-
A6.2.5.2.2.	Perform system checkout								-	-	-	-
A6.2.6.	Open and close hingeable doors	*							3c	-	-	-
A6.2.7.	Cleaning											
A6.2.7.1.	Exterior surfaces								B	-	-	-
A6.2.7.2.	Transparent panels								2b	-	-	-
A6.2.8.	Access											
A6.2.8.1.	E-bay rack											
A6.2.8.1.1.	Lower								3c	-	-	-
A6.2.8.1.2.	Raise								3c	-	-	-
A6.2.8.2.	Weapons bay											
A6.2.8.2.1.	Open and close	*							3c	-	-	-
A6.2.8.2.2.	Extend and retract trapeze	*							3c	-	-	-
A6.3.	**EGRESS SYSTEM** **TR: Applicable -2 TOs**											
A6.3.1.	Egress components and system operation								-	-	-	-
A6.3.2.	Inspect safety devices TR: TO 1F-117A-6	*							3c	-	-	-
A6.3.3.	Remove/inspect/install safety pins	*							3c	-	-	-
A6.3.4.	Operate canopy											

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.3.4.1.	Electrically								3c	-	-	-
A6.3.4.2.	Manually								3c	-	-	-
A6.4.	**AUXILIARY POWER UNIT (APU) SYSTEM**											
A6.4.1.	APU components and system operation								B	-	-	B
A6.4.2.	Identify leaks								-	-	-	-
A6.4.3.	Remove/inspect/install											
A6.4.3.1.	APU and mounting rack								-	-	-	-
A6.4.3.2.	APU oil filter								-	-	-	-
A6.4.3.3.	APU fuel filter								-	-	-	-
A6.4.3.4.	APU chip detector								-	-	-	-
A6.4.3.5.	APU electronic control unit								-	-	-	-
A6.4.3.6.	APU exhaust bypass duct access panel								-	-	-	-
A6.4.3.7.	Exhaust duct expansion bellows								-	-	-	-
A6.4.3.8.	APU starter								-	-	-	-
A6.4.3.9.	APU fuel control								-	-	-	-
A6.4.3.10.	APU bypass door								-	-	-	-
A6.4.3.10.1.	Rig											
A6.4.4.	Perform APU system checkout											
A6.4.4.1.	Ground mode		*						-	-	-	-
A6.4.4.2.	Cockpit mode		*						2b	-	-	-
A6.4.5.	Service APU gearbox oil								3c	-	-	-
A6.5.	**EMERGENCY POWER UNIT (EPU) SYSTEM TR: Applicable -2 TOs**											
A6.5.1.	EPU components and system operation								B	-	-	B
A6.5.2.	Identify leaks								-	-	-	-

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.5.3.	EPU safety								-	-	-	-
A6.5.4.	Remove, install and inspect											
A6.5.4.1.	EPU assembly								-	-	-	-
A6.5.4.2.	Pressure switch								-	-	-	-
A6.5.4.3.	Hydraulic pump								-	-	-	-
A6.5.4.4.	Electric generator								-	-	-	-
A6.5.4.5.	Exhaust air duct								-	-	-	-
A6.5.4.6.	Emergency pump shutoff valve								-	-	-	-
A6.5.4.7.	Pump discharge check valve								-	-	-	-
A6.5.4.8.	Pump discharge pressure switch								-	-	-	-
A6.5.5.	Perform leak check								-	-	-	-
A6.5.6.	Service EPU oil								b	-	-	-
A6.5.7.	Perform operational check								2b	-	-	-
A6.5.8.	Inspect EPU components TR: TO 1F-117A-6								-	-	-	-
A6.5.9.	Troubleshoot EPU system								-	-	-	-
A6.6.	**PRESSURIZED AIR START SYSTEM (PASS)**											
A6.6.1.	PASS components and system operation								B	-	-	B
A6.6.2.	Perform PASS system checkout								2b	-	-	-
A6.6.3.	Remove, install and inspect											
A6.6.3.1.	PASS bottle								-	-	-	-
A6.6.3.2.	Recharge compressor								-	-	-	-
A6.6.3.3.	Air filter								-	-	-	-
A6.6.4.	Service											
A6.6.4.1.	PASS air bottle	*							3c	-	-	-
A6.6.4.2.	Recharge compressor oil								-	-	-	-
A6.7.	**LANDING GEAR SYSTEM**											

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
	TR: Applicable -2 TOs											
A6.7.1.	Main landing gear components and system operation								-	-	-	B
A6.7.2.	Nose landing gear components and system operation								-	-	-	B
A6.7.3.	Emergency landing gear components and system operation								-	-	-	B
A6.7.4.	Braking components and system operation								-	-	-	A
A6.7.5.	Anti-skid components and system operation								-	-	-	A
A6.7.6.	Tail hook components and system operation								-	-	-	B
A6.7.7.	Nose wheel steering (NWS) components and system operation								-	-	-	A
A6.7.8.	Remove/install/inspect											
A6.7.8.1.	Dump valves											
A6.7.8.1.1.	Landing gear								-	-	-	-
A6.7.8.1.2.	Gear door								-	-	-	-
A6.7.8.2.	Remove/install/inspect selector valves											
A6.7.8.2.1.	Landing gear								-	-	-	-
A6.7.8.2.2.	Gear door								-	-	-	-
A6.7.8.3.	Remove/inspect/install actuators											
A6.7.8.3.1.	Nose gear								-	-	-	-
A6.7.8.3.2.	Nose gear uplock								-	-	-	-
A6.7.8.3.3.	Nose gear door								-	-	-	-
A6.7.8.3.4.	Main gear								-	-	-	-
A6.7.8.3.5.	Main gear uplock								-	-	-	-
A6.7.8.3.6.	Main gear door								-	-	-	-
A6.7.8.4.	Remove/inspect/install gear components											

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.7.8.4.1. Nose strut								-	-	-	-
A6.7.8.4.2. Main strut								-	-	-	-
A6.7.8.4.3. Drag brace strut components								-	-	-	-
A6.7.8.4.4. Nose gear door								-	-	-	-
A6.7.8.4.5. Main gear wheel door								-	-	-	-
A6.7.8.4.6. Main gear strut door								-	-	-	-
A6.7.8.4.7. Emergency gear handle								-	-	-	-
A6.7.8.4.8. Emergency gear release system components								-	-	-	-
A6.7.8.5. Remove/inspect/install wheel and tire, and brake assembly components											
A6.7.8.5.1. Main wheel and tire	*							3c	-	-	-
A6.7.8.5.2. Nose wheel and tire	*							3c	-	-	-
A6.7.8.5.3. Brake shuttle valve								-	-	-	-
A6.7.8.5.4. Brake assembly		*						-	-	-	-
A6.7.8.5.5. Brake control valve								-	-	-	-
A6.7.8.5.6. Wheel speed sensor								-	-	-	-
A6.7.8.5.7. Brake accumulator								-	-	-	-
A6.7.8.5.8. Brake accumulator shutoff valve								-	-	-	-
A6.7.8.5.9. Brake hydraulic fuses								-	-	-	-
A6.7.8.5.10. Brake check valve								-	-	-	-
A6.7.8.5.11. NWS damper								-	-	-	-
A6.7.8.6. Remove/install/inspect drag chute components											
A6.7.8.6.1. Drag chute handle								-	-	-	-
A6.7.8.6.2. Drag chute mechanism								-	-	-	-
A6.7.8.6.3. Drag chute cable								-	-	-	-
A6.7.8.6.4. Drag chute mechanism bumper								-	-	-	-

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.7.8.7.	Remove/install/inspect tail hook components											
A6.7.8.7.1.	Tail hook pneumatic actuator								-	-	-	-
A6.7.8.7.2.	Tail hook assembly								-	-	-	-
A6.7.8.7.3.	Pneumatic charging valve								-	-	-	-
A6.7.9.	Rig and adjust											
A6.7.9.1.	Nose gear								-	-	-	-
A6.7.9.2.	Nose landing gear door								-	-	-	-
A6.7.9.3.	Main gear								-	-	-	-
A6.7.9.4.	Main gear wheel door								-	-	-	-
A6.7.9.5.	Drag brace strut components								-	-	-	-
A6.7.9.6.	Emergency gear release system								-	-	-	-
A6.7.9.7.	Uplock mechanism								-	-	-	-
A6.7.9.8.	Drag chute system components								-	-	-	-
A6.7.9.9.	Tail hook								-	-	-	-
A6.7.10.	Service											
A6.7.10.1.	Gear strut	*							b		-	-
A6.7.10.2.	Tail hook shock strut	*							3c	-	-	-
A6.7.10.3.	Brake accumulator	*							b	-	-	-
A6.7.10.4.	Tires	*							-	-	-	-
A6.7.11.	Remove/install/inspect drag chute								3c	-	-	-
A6.7.12.	Determine serviceability of tires	*							b	-	-	-
A6.7.13.	Bleed brakes								-	-	-	-
A6.7.14.	Perform system checkout											
A6.7.14.1.	Perform landing gear checkout											
A6.7.14.1.1.	Team member								-	-	-	-
A6.7.14.1.2.	Supervisor								-	-	-	-

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.7.14.2.	Perform landing gear emergency release checkout											
A6.7.14.2.1.	Team member								-	-	-	-
A6.7.14.2.2.	Supervisor								-	-	-	-
A6.7.14.3.	NWS system								-	-	-	-
A6.7.15.	Troubleshoot landing gear system								-	-	-	-
A6.8.	**FIRE PROTECTION SYSTEM TR: Applicable -2 TOs**											
A6.8.1.	Fire protection components and system operation								A	-	-	B
A6.8.2.	Inspect sensing elements TR: TO 1F-117A-6								-	-	-	-
A6.8.3.	Perform fire and overheat operational check	*							3c	-	-	-
A6.8.4.	Fuel inerting system											
A6.8.4.1.	System components and operation								-	-	-	B
A6.8.4.2.	Remove/inspect/install halon reservoir								-	-	-	-
A6.8.4.3	Service								b	-	-	-
A6.9.	**LIQUID OXYGEN SYSTEM TR: Applicable -2 TOs**											
A6.9.1.	Liquid oxygen components and system operation								-	-	-	B
A6.9.2.	Service LOX converter TR: TOs 00-25-172; 1F-117A-2	*							3c	-	-	-
A6.9.3.	Remove/inspect/install converter	*							-	-	-	-
A6.9.4.	Perform operational check	*							3c	-	-	-
A6.10.	**AIRCRAFT RECORDING SYSTEM TR: Applicable -2 TOs**											
A6.10.1.	Remove/inspect/install Airborne Video Tape Recording (AVTR) cartridge								3c	-	-	-
A6.11.	**COMMUNICATION SYSTEM TR: Applicable -2 TOs**											

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.11.1.	Operate aircraft interphone system	*							3c	-	-	-
A6.11.2.	Operate aircraft radio								-	-	-	-
A6.12.	**ICE AND RAIN PROTECTION SYSTEM TR: Applicable -2 TOs**											
A6.12.1.	Ice and rain protection system components and system operation								B	-	-	-
A6.12.2.	Inspect ice wiper fairing								-	-	-	-
A6.12.3.	Perform FCS transducer heat system preflight checkout								3c	-	-	-
A6.12.4.	Remove/inspect/install											
A6.12.4.1.	Ice wiper actuator								-	-	-	-
A6.12.4.2.	Ice wiper								-	-	-	-
A6.12.4.3.	Ice wiper arm extension								-	-	-	-
A6.12.4.4.	Ice wiper selector valve								-	-	-	-
A6.12.4.5.	De-ice fluid swivel fitting								-	-	-	-
A6.12.4.6.	De-ice fluid shutoff valve								-	-	-	-
A6.12.4.7.	Ice wiper fluid pressure shutoff valve								-	-	-	-
A6.12.4.8.	Ice wiper fluid tank pressure check valve								-	-	-	-
A6.12.5.	Service alcohol tank	*							3c	-	-	-
A6.13.	**FLIGHT CONTROL SYSTEM TR: Applicable -2 TOs**											
A6.13.1.	Rudder components and system operation								B	-	-	B
A6.13.2.	Elevon components and system operation								B	-	-	B
A6.13.3.	Remove/inspect/install											
A6.13.3.1.	Rudder assembly								-	-	-	-
A6.13.3.2.	Rudder edge panels								-	-	-	-
A6.13.3.3.	Elevon assembly								-	-	-	-

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.13.3.4. Elevon edge panels								-	-	-	-
A6.13.3.5. Remove/inspect/install Integrated Servo Actuator (ISA)											
A6.13.3.5.1. Rudder								-	-	-	-
A6.13.3.5.2. Elevon											
A6.13.3.5.2.1. Inboard								-	-	-	-
A6.13.3.5.2.2. Outboard		*						-	-	-	-
A6.13.3.5.3. Control stick assembly								-	-	-	-
A6.13.3.5.4. Rudder pedal assembly								-	-	-	-
A6.13.4. Perform functional check											
A6.13.4.1. Rudder								-	-	-	-
A6.13.4.2. Elevon								-	-	-	-
A6.13.4.3. System self-test								-	-	-	-
A6.13.4.4. Control surface freeplay check								-	-	-	-
A6.13.5. Troubleshoot flight control system								-	-	-	-
A6.14. FUEL SYSTEM TR: Applicable AFOSH Stds; Applicable -2 TOs											
A6.14.1. Fuel components and system operation								B	-	-	B
A6.14.2. Inflight refuel components and system operation								-	-	-	-
A6.14.3. Remove/inspect/install apex floodlight								-	-	-	-
A6.14.4. Service											
A6.14.4.1. Refuel aircraft											
A6.14.4.1.1. Team member	*							3c	-	-	-
A6.14.4.1.2. Supervisor	*							2b	-	-	-
A6.14.4.2. Defuel aircraft											
A6.14.4.2.1. Team member								-	-	-	-

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.14.4.2.2. Supervisor	*							-	-	-	-
A6.14.4.2.3. Drain fuel tanks								-	-	-	-
A6.14.5. Perform operational check of fuel quantity select switch	*							3c	-	-	-
A6.14.6. Aerial refuel rollover door assembly checkout								-	-	-	-
A6.14.7. Troubleshoot fuel system								-	-	-	-
A6.15. HYDRAULIC POWER SYSTEM TR: Applicable -2 TOs											
A6.15.1. Hydraulic power components and system operation								B	-	-	B
A6.15.2. Remove/inspect/install											
A6.15.2.1. Pump								-	-	-	-
A6.15.2.2. Manifold assembly								-	-	-	-
A6.15.2.3. Remove/inspect/install pump discharge pressure switches											
A6.15.2.3.1. 1L								-	-	-	-
A6.15.2.3.2. 2L								-	-	-	-
A6.15.2.3.3. 1R								-	-	-	-
A6.15.2.3.4. 2R								-	-	-	-
A6.15.2.4. Remove/inspect/install check valves											
A6.15.2.4.1. Pump case drain											
A6.15.2.4.1.1. 1L								-	-	-	-
A6.15.2.4.1.2. 2L								-	-	-	-
A6.15.2.4.1.3. 1R								-	-	-	-
A6.15.2.4.1.4. 2R								-	-	-	-
A6.15.2.4.1.5. Emergency								-	-	-	-
A6.15.2.4.2. Pump discharge											
A6.15.2.4.2.1. 1L surge damper								-	-	-	-
A6.15.2.4.2.2. 2L								-	-	-	-

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.15.2.4.2.3. 1R								-	-	-	-
A6.15.2.4.2.4. 2R surge damper								-	-	-	-
A6.15.2.4.3. Return											
A6.15.2.4.3.1. Subsystem 1A								-	-	-	-
A6.15.2.4.3.2. Subsystem 1B								-	-	-	-
A6.15.2.4.3.3. Subsystem 2A								-	-	-	-
A6.15.2.4.3.4. Subsystem 2B								-	-	-	-
A6.15.2.5. Remove/inspect/install filter/assembly											
A6.15.2.5.1. System 1	*							-	-	-	-
A6.15.2.5.2. System 2	*							-	-	-	-
A6.15.2.6. Delta P	*							-	-	-	-
A6.15.2.7. Remove/inspect/install hydraulic reservoir											
A6.15.2.7.1. System 1								-	-	-	-
A6.15.2.7.2. System 2								-	-	-	-
A6.15.2.7.3. Relief valve								-	-	-	-
A6.15.2.8. Remove/inspect/install accumulators											
A6.15.2.8.1. System 1B flight control								-	-	-	-
A6.15.2.8.2. System 2								-	-	-	-
A6.15.2.9. Cockpit indicators								-	-	-	-
A6.15.2.10. Remove/inspect/install reservoir components											
A6.15.2.10.1. Quantity indicator								-	-	-	-
A6.15.2.10.2. Temperature indicator								-	-	-	-
A6.15.2.10.3. Accumulator pressure gages								-	-	-	-
A6.15.2.10.4. Ground test and fill couplings								-	-	-	-
A6.15.2.10.5. Sampling valves								-	-	-	-
A6.15.2.10.6. Bleed valves								-	-	-	-

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.15.2.10.7. Sumps								-	-	-	-
A6.15.2.10.8. Sump drain couplings								-	-	-	-
A6.15.3. Connect and disconnect, remove and install hydraulic system tubing hoses and fittings								-	-	-	-
A6.15.4. Service											
A6.15.4.1. Bleed system	*							3c	-	-	-
A6.15.4.2. System 1B flight control accumulator	*							b	-	-	-
A6.15.4.3. System 2 flight control accumulator	*							b	-	-	-
A6.15.4.4. Hydraulic reservoir	*							3c	-	-	-
A6.15.5. Drain								-	-	-	-
A6.15.6. Flush								-	-	-	-
A6.15.7. Obtain fluid sample								-	-	-	-
A6.15.8. Drain hydraulic sumps								-	-	-	-
A6.15.9. Perform hydraulic system checkout								-	-	-	-
A6.15.10. Perform system bleed and leak checkout								-	-	-	-
A6.15.11. Troubleshoot hydraulic system								-	-	-	-
A6.16. STRUCTURAL TRACKING AND ENGINE MONITORING SYSTEM (STEMS) TR: Applicable –2 TOs, -70 GS, and -31 GS											
A6.16.1. Components and system operation								B	-	-	B
A6.16.2. Utilizing STEMS								-	-	-	-
A6.16.3. Perform STEMS data revision								3c	-	-	-
A6.16.4. Retrieve data								-	-	-	-
A6.16.5. Operate Hand Held Terminal (HHT)								-	-	-	-
A6.16.6. Calibrate Electronic Processor Unit (EPU)								-	-	-	-
A6.16.7. Replace EPU battery								-	-	-	-

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.16.8.	Operate Ground Station Unit (GSU)								-	-	-	-
A6.16.9.	Remove/inspect/install											
A6.16.9.1.	EPU								-	-	-	-
A6.16.9.2.	Umbilical Display Unit (UDU)								-	-	-	-
A6.16.9.3.	Engine data events panel								-	-	-	-
A6.16.9.4.	Vibration accelerometer								-	-	-	-
A6.16.9.5.	Engine signal detector								-	-	-	-
A6.17.	**ENGINES TR: AFOSH Standard 91-100; Applicable -2 TOs**											
A6.17.1.	Engine components and system operation								B	-	-	B
A6.17.2.	Perform											
A6.17.2.1.	Preparation for engine performance checkout								-	-	-	-
A6.17.2.2.	Engine prestart								-	-	-	-
A6.17.2.3.	Engine run checks (cockpit)								-	-	-	-
A6.17.2.4.	Alternate start procedures								-	-	-	-
A6.17.2.5.	Oil pressure check								-	-	-	-
A6.17.2.6.	Anti-ice valve check								-	-	-	-
A6.17.2.7.	Blade blending								-	-	-	-
A6.17.2.8.	Perform fan overspeed check											
A6.17.2.8.1.	Cockpit								-	-	-	-
A6.17.2.8.2.	Ground								-	-	-	-
A6.17.2.9.	Perform leak checks											
A6.17.2.9.1.	Oil								-	-	-	-
A6.17.2.9.2.	Fuel								-	-	-	-
A6.17.2.9.3.	Air								-	-	-	-
A6.17.2.10.	Engine bay inspection								-	-	-	-

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.17.2.11. Perform engine borescope inspection											
A6.17.2.11.1. Rigid								-	-	-	-
A6.17.2.11.2. Flexible (Video)								-	-	-	-
A6.17.2.12. Exhaust duct inspection								-	-	-	-
A6.17.2.13. Tailpipe inspection								-	-	-	-
A6.17.2.14. Perform throttle control system checkout								-	-	-	-
A6.17.3. Remove/inspect/install											
A6.17.3.1. Engine		*						-	-	-	-
A6.17.3.2. Anti-ice valve								-	-	-	-
A6.17.3.3. Engine inlet centerbody								-	-	-	-
A6.17.3.4. Engine exhaust centerbody								-	-	-	-
A6.17.3.5. Electronic Control Unit (ECU)								-	-	-	-
A6.17.3.6. Engine plumbing								-	-	-	-
A6.17.3.7. Exhaust ducts								-	-	-	-
A6.17.3.8. Tailpipes								-	-	-	-
A6.17.3.9. Throttle quadrant								-	-	-	-
A6.17.3.10. Throttle cable								-	-	-	-
A6.17.3.10.1. Rig											
A6.17.3.11. Auto throttle bellcrank/clutch								-	-	-	-
A6.17.4. Engine oil system											
A6.17.4.1. Inspect magnetic chip detectors and oil strainers TR: Applicable -2 TOs	*							-	-	-	-
A6.17.4.2. Inspect oil filter elements								-	-	-	-
A6.17.4.3. Take engine oil sample								-	-	-	-
A6.17.4.4. Remove/inspect/install											
A6.17.4.4.1. Oil tank								-	-	-	-
A6.17.4.4.2. Oil filter	*							-	-	-	-

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.17.4.4.3. Lube and scavenge pump								-	-	-	-
A6.17.4.4.4. Fuel oil cooler								-	-	-	-
A6.17.4.4.5. Magnetic chip detector (7 each)	*							-	-	-	-
A6.17.4.4.6. Oil pressure transmitter								-	-	-	-
A6.17.4.4.7. Oil scavenge strainers								-	-	-	-
A6.17.5. Engine fuel system											
A6.17.5.1. Set density on main fuel control								-	-	-	-
A6.17.5.2. Remove/inspect/install											
A6.17.5.2.1. Main fuel control								-	-	-	-
A6.17.5.2.2. Main fuel pump								-	-	-	-
A6.17.5.2.3. Fuel flow transmitter								-	-	-	-
A6.17.5.2.4. Check and drain valve								-	-	-	-
A6.17.5.2.5. Fuel recycle pump								-	-	-	-
A6.17.5.2.6. Main fuel filter	*							-	-	-	-
A6.17.5.2.7. Fuel feed lines								-	-	-	-
A6.17.6. Engine electrical system											
A6.17.6.1. Remove/inspect/install											
A6.17.6.1.1. Alternator								-	-	-	-
A6.17.6.1.2. Ignition exciter								-	-	-	-
A6.17.6.1.3. Ignition leads								-	-	-	-
A6.17.6.1.4. Igniter plug								-	-	-	-
A6.17.6.1.5. Electrical harnesses								-	-	-	-
A6.17.6.1.6. Junction box								-	-	-	-
A6.17.6.1.7. Cockpit Engine Performance Indicators (EPI)								-	-	-	-
A6.17.6.1.8. Thermocouple harness								-	-	-	-
A6.17.6.1.9. Fan inlet temperature (T1)								-	-	-	-
A6.17.6.1.10. Fan speed transmitter (N1)								-	-	-	-

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.17.6.1.11. PS-3 line								-	-	-	-
A6.17.6.1.12. Compressor discharge pressure transmitter (PS-3)								-	-	-	-
A6.17.6.1.13. Turbine discharge pressure (PT5.6)								-	-	-	-
A6.17.6.1.14. Fan variable geometry actuator								-	-	-	-
A6.17.6.1.15. Compressor variable geometry actuators								-	-	-	-
A6.17.7. Service engine oil	*							3c	-	-	-
A6.17.8. Troubleshoot engine malfunctions								-	-	-	-
A6.18. AIRCRAFT MOUNTED ACCESSORY DRIVE (AMAD) TR: Applicable - 2 TOs											
A6.18.1. AMAD components and system operation								B	-	-	B
A6.18.2. Perform											
A6.18.2.1. AMAD system checkout								2b	-	-	-
A6.18.2.2. AMAD couple system checkout								-	-	-	-
A6.18.2.3. Engine start system checkout								-	-	-	-
A6.18.3. Remove/inspect/install											
A6.18.3.1. AMAD								-	-	-	-
A6.18.3.2. Power take-off shaft								-	-	-	-
A6.18.3.3. Oil screens and filters								-	-	-	-
A6.18.3.4. Magnetic chip detectors								-	-	-	-
A6.18.3.5. Differential Press. Indicators (Delta P)								-	-	-	-
A6.18.3.6. Oil pressure relief valves								-	-	-	-
A6.18.3.7. Oil pressure switches								-	-	-	-
A6.18.3.8. Oil temperature switches								-	-	-	-
A6.18.3.9. Gearbox low oil level senders								-	-	-	-
A6.18.3.10. Air Turbine Starter (ATS)								-	-	-	-
A6.18.3.11. ATS speed sensor								-	-	-	-

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.18.3.12.	Starter air valves								-	-	-	-
A6.18.3.13.	Starter speed switches								-	-	-	-
A6.18.3.14.	ATS engaged monitor switch								-	-	-	-
A6.18.3.15.	PTO drive shaft seals								-	-	-	-
A6.18.3.16.	Hydraulic pump shaft seal								-	-	-	-
A6.18.3.17.	ATS gear shaft seal								-	-	-	-
A6.18.4.	Service AMAD oil											
A6.18.4.1.	Normal	*							3c	-	-	-
A6.18.4.2.	Empty								-	-	-	-
A6.18.4.3.	Drain AMAD								-	-	-	-
A6.18.4.4.	Take AMAD oil sample								-	-	-	-
A6.18.5.	Troubleshoot engine start system								-	-	-	-
A6.19.	**ELECTRICAL SYSTEM TR: Applicable -2 TOs**											
A6.19.1.	Electrical components and system operation								-	-	-	-
A6.19.2.	Remove/inspect/install											
A6.19.2.1.	Batteries	*							-	-	-	-
A6.19.2.2.	Generator Control Unit (GCU)								-	-	-	-
A6.19.3.	Troubleshoot electrical system								-	-	-	-
A6.20.	**LIGHTING SYSTEMS TR: Applicable -2 TOs**											
A6.20.1.	Lighting system components and operation								A	-	-	-
A6.20.2.	Remove/inspect/install											
A6.20.2.1.	Fuselage navigation assemblies/lenses								-	-	-	-
A6.20.2.2.	Wingtip navigation assemblies/lenses								-	-	-	-
A6.20.2.3.	Anti-collision light/cover plate								-	-	-	-
A6.20.2.4.	Light lamps								-	-	-	-

F-117 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A6.20.2.5.	Taxi/landing light bulbs								-	-	-	-
A6.20.2.6.	Taxi/landing light assembly								-	-	-	-
A6.20.3.	Operate											
A6.20.3.1.	Interior lighting	*							3c	-	-	-
*A6.20.3.2.	Master test panel	*							3c	-	-	-
A6.20.3.3.	Exterior lighting	*							3c	-	-	-
A6.21.	**SUPPORT EQUIPMENT TR: AFOSH Std. 91-100; Applicable TOs**											
A6.21.1.	Halon servicing cart											
A6.21.1.1.	Perform pre-use inspection								-	-	-	-
A6.21.1.2.	Use	*							-	-	-	-
A6.21.2.	Alcohol servicing cart											
A6.21.2.1.	Perform pre-use inspection								3c	-	-	-
A6.21.2.2.	Use	*							3c	-	-	-
A6.21.3.	MC-1A air compressor											
*A6.21.3.1.	Perform pre-use inspection								3c	-	-	-
*A6.21.3.2.	Use								3c	-	-	-
A6.21.4.	MC-2A air compressor											
A6.21.4.1.	Perform pre-use inspection								-	-	-	-
A6.21.4.2.	Use								-	-	-	-
A6.21.5.	Aircraft spotting and towing dolly TR: TO 35D3-7-13-1											
A6.21.5.1.	Pre-use								-	-	-	-
A6.21.5.1.1.	Use								-	-	-	
A6.21.6.	Pantagraph											
A6.21.6.1.	Pre-use								3c	-	-	-
A6.21.6.1.1.	Use								3c	-	-	-

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
NOTE 1: Use this attachment in conjunction with STS 2A3X3 attachment 2.											
NOTE 2: All task/knowledge taught in the initial skills course trained in the resident wartime courses. The resident 7-level course is not taught during wartime.											
NOTE 3: Items in column 2 marked with an asterisk (*) are the core tasks for either the 5 or 7 skill level and are required for upgrade. Items marked with an (*/R) are not required by AFRC and ANG for upgrade.											
A7.1. AIRCRAFT GENERAL											
A7.1.1. Phase inspection concept and inspections TR: TO 00-20-5; TM U-2S-6WC-1PE; U-2S-6WC-2PE; U-2S-6WC-1PRPO											
A7.1.1.1. Periodic inspection concept								A	B	-	-
A7.1.1.2. Perform inspections											
A7.1.1.2.1. Periodic								-	-	-	-
A7.1.1.2.2. Preflight	*							3c	-	-	-
A7.1.1.2.3. Thruflight	*							3c	-	-	-
A7.1.1.2.4. Pogo runway											
A7.1.1.2.4.1. Team supervisor.								-	-	-	-
A7.1.1.2.4.2. Team member	*							3c	-	-	-
A7.1.1.2.5. Basic postflight	*							3c	-	-	-
A7.1.1.2.6. Hourly postflight								b	-	-	-
A7.1.1.2.7. Special								-	-	-	-
A7.1.1.2.8. Hard/abnormal landing								-	-	-	-
A7.1.1.2.9. Airframe overspeed								-	-	-	-
A7.1.1.2.10. Engine bay and aft section								-	-	-	-
A7.1.1.2.11. Acceptance								-	-	-	-
A7.1.1.2.12. Calendar								-	-	-	-
A7.1.2. Aircraft communications TR: AFOSH 91-100; TO 00-25-172; TM U-2S-2-10 Vol. 1											
A7.1.2.1. Operate U-2S UHF radio								-	-	-	-
A7.1.2.2. Operate U-2ST UHF radio								-	-	-	-

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.1.2.3. Use U-2S interphone	*							2b	-	-	-
A7.1.2.4. Use U-2ST interphone	*							2b	-	-	-
A7.1.3. Perform ground handling TR: AFI 11-218; AFOSH Std 91-100 TO 00-25-172, TM U-2S-2-1											
A7.1.3.1. Launch aircraft	*							3c	-	-	-
A7.1.3.2. Recover aircraft	*							3c	-	-	-
A7.1.3.3. Marshall aircraft	*							3c	-	-	-
A7.1.3.4. Wing riding member								-	-	-	-
A7.1.3.5. Wing riding supervisor								-	-	-	-
A7.1.3.6. Hand launch member								-	-	-	-
A7.1.3.7. Hand launch supervisor								-	-	-	-
A7.1.3.8. Aircraft push-back member								-	-	-	-
A7.1.3.9. Aircraft push-back supervisor								-	-	-	-
A7.1.3.10. Tow aircraft											
A7.1.3.10.1. Tow team member	*							3c	-	-	-
A7.1.3.10.2. Tow vehicle operator								-	-	-	-
A7.1.3.10.3. Tow team supervisor		*						-	-	-	-
A7.1.3.11. Moor aircraft								2b	-	-	-
A7.1.3.12. Level aircraft								-	-	-	-
A7.1.3.13. Jack aircraft								2b	-	-	-
A7.1.3.14. Cart aircraft											
A7.1.3.14.1. RG130 cart team member	*							a	-	-	-
A7.1.3.14.2. RG130 cart team supervisor		*						-	-	-	-
A7.1.3.15. Upload and download ballast											
A7.1.3.15.1. RG1124 ballast								-	-	-	-
A7.1.3.15.2. RG1125 ballast								-	-	-	-

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.1.3.15.3.	RG105 Q-Bay ballast								2b	-	-	-
A7.1.3.16.	Safe aircraft for maintenance	*							3c	-	-	-
A7.1.3.17.	U-2 technical manuals	*							3c	B	-	B
A7.1.3.18.	Wash aircraft								-	-	-	-
A7.1.3.19.	Lubricate aircraft								-	-	-	-
A7.1.4.	Complete course J6ANU00066 043	*							-	-	-	-
A7.1.5.	Debrief aircrew								-	-	-	-
A7.1.6.	Aircraft weight and balance TR: TO 1-1B-50, TM: U-2S-5 and U-2ST-5											
A7.1.6.1.	Computing weight and balance	*							-	B	-	-
A7.1.7.	Document AFTO Form 781B	*							2b	-	-	-
A7.2.	**AIRFRAME SYSTEMS TR: TM U-2S-2-2**											
A7.2.1.	Airframe components and construction								A	B	-	-
A7.2.2.	Cadmium precautions								-	B	-	-
A7.2.3.	Remove/inspect/install											
A7.2.3.1.	Ground safety devices	*							3c	-	-	-
A7.2.3.2.	Nose (RX69-10)								2b	-	-	-
A7.2.3.3.	Doors and fairings	*							-	-	-	-
A7.2.3.4.	Hatches	*							2b	-	-	-
A7.2.3.5.	Access panels	*							3c	-	-	-
A7.2.3.5.1.	Electrical bond grounding								-	-	-	-
A7.2.3.6.	Aft section								-	-	-	-
A7.2.3.7.	Superpods								-	-	-	-
A7.2.4.	Open, close, and inspect											
A7.2.4.1.	Doors and hatches	*							2b	-	-	-
A7.2.4.2.	Wing folds								-	-	-	-

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.2.4.3.	Canopy (U2S/ST)	*							-	-	-	-
A7.2.5.	Remove/inspect/install flight control, landing gear, & throttle system											
general	TR: Applicable –2 series TM											
A7.2.5.1.	Control rods (torque tubes and push pull rods)								-	-	-	-
A7.2.5.2.	Bellcranks and sectors								-	-	-	-
A7.2.5.3.	Pulley assemblies								-	-	-	-
A7.2.5.4.	Fairleads and pressure seals								-	-	-	-
A7.2.5.5.	Control cables								-	-	-	-
A7.2.6.	Inspect airframe and components TR: TM U-2S-6WC-1PRPO, U-2S-2-2, U-2S-2-3, U-2S-2-4								-	-	-	-
A7.2.7.	Perform aircraft inclement weather procedures TR: TM U-2S-2-1								-	-	-	-
A7.2.8.	Supply procedures TR: AFI 21-101 (Ch 3), AFI 23-110, LSP 400-1											
A7.2.8.1.	Interpret aircraft blueprints								2b	B	-	-
A7.2.8.2.	Interpret aperture cards								2b	B	-	-
A7.2.8.3.	Interpret SPAADL								2b	B	-	-
A7.2.8.4.	Interpret factory manuals								-	B	-	-
A7.2.9.	Windscreen and canopy systems TR: TM U-2S-2-2, U-2ST-2											
A7.2.9.1.	Determine damage limitations on transparent panels								-	-	-	-
A7.2.9.2.	Rig and adjust canopy hinge release mechanism								-	-	-	-
A7.2.9.3.	Rig and adjust canopy latch release mechanism								-	-	-	-
A7.2.9.4.	Rig and adjust canopy jettison pivot release mechanism								-	-	-	-

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.2.9.5.	Remove/inspect/install U-2S windscreen assembly								-	-	-	-
A7.2.9.6.	Remove/inspect/install U-2ST aft windscreen assembly								-	-	-	-
A7.2.9.7.	Remove/inspect/install windscreen transparent panels								-	-	-	-
A7.2.9.8.	Remove/inspect/install canopy								-	-	-	-
A7.3.	**LANDING GEAR SYSTEMS TR: TM U-2S-2-1, U-2S-2-3, RL 114, MM 1567**											
A7.3.1.	Landing gear components and system operation								A	B	-	-
A7.3.2.	Operate landing gear											
A7.3.2.1.	Position A (Ground)								-	-	-	-
A7.3.2.2.	Position B (Cockpit)								-	-	-	-
A7.3.2.3.	Perform normal landing gear operational check								-	-	-	-
A7.3.2.4.	Perform emergency manual landing gear operational check								-	-	-	-
A7.3.2.5.	Perform tail landing gear steering operational check								-	-	-	-
A7.3.3.	Service											
A7.3.3.1.	Landing gear struts	*							-	-	-	-
A7.3.3.2.	Tires TR: U-2S-2-1	*							2b	-	-	-
A7.3.4.	Remove/inspect/install											
A7.3.4.1.	Wheel and tire assemblies											
A7.3.4.1.1.	Main landing gear	*							2b	-	-	-
A7.3.4.1.2.	Tail landing gear	*							2b	-	-	-
A7.3.4.2.	Main landing gear shock strut								-	-	-	-
A7.3.4.3.	Main landing gear doors								-	-	-	-
A7.3.4.4.	Main landing gear drag strut								-	-	-	-

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.3.4.5.	Main landing gear uplock assembly								-	-	-	-
A7.3.4.6.	Tail landing gear shock strut								-	-	-	-
A7.3.4.7.	Tail landing gear doors								-	-	-	-
A7.3.4.8.	Tail landing gear actuator								-	-	-	-
A7.3.4.9.	Tail landing gear drag rod and retracting crank								-	-	-	-
A7.3.4.10.	Tail landing gear axle								-	-	-	-
A7.3.4.11.	Brake assemblies	*							-	-	-	-
A7.3.4.12.	Pogos	*							3c	-	-	-
A7.3.4.13.	Wing tip skid pad								-	-	-	-
A7.3.5.	Repack											
A7.3.5.1.	Main landing gear shock strut								-	-	-	-
A7.3.5.2.	Tail landing gear shock strut								-	-	-	-
A7.3.6.	Bleed brake system								-	-	-	-
A7.3.7.	Determine serviceability of aircraft tires TR: TO 4T-1-3; TM U-2S-3								A	-	-	-
A7.3.8.	Rig and adjust											
A7.3.8.1.	Main landing gear actuator								-	-	-	-
A7.3.8.2.	Tail landing gear actuator								-	-	-	-
A7.3.8.3.	Emergency/manual landing gear release system								-	-	-	-
A7.3.8.4.	Main landing gear doors								-	-	-	-
A7.3.8.5.	Tail landing gear steering system								-	-	-	-
A7.3.8.6.	Tail landing gear doors								-	-	-	-
A7.3.9.	Landing gear troubleshooting								-	-	-	B
A7.4.	**UTILITY SYSTEMS** **TR: U-2S-2-6, U-2S-2-4, U-2ST-2**											

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.4.1.	Utility components and system operation								A	B	-	-
A7.4.2.	Operate											
A7.4.2.1.	Accelerometer								-	-	-	-
A7.4.2.2.	Bleed air system								-	-	-	-
A7.4.2.3.	Air conditioning system								-	-	-	-
A7.4.2.4.	Canopy and hatch seal system								-	-	-	-
A7.4.2.5.	Defog system								-	-	-	-
A7.4.2.6.	Fire and overheat warning system								-	-	-	-
A7.4.2.7.	Oxygen system								-	-	-	-
A7.4.3.	Inspect											
A7.4.3.1.	Bleed air system								-	-	-	-
A7.4.3.2.	Air conditioning system								-	-	-	-
A7.4.3.3.	Canopy and hatch seal system								-	-	-	-
A7.4.3.4.	Defog system								-	-	-	-
A7.4.3.5.	Fire and overheat warning system								-	-	-	-
A7.4.3.6.	Oxygen system								-	-	-	-
A7.4.3.7.	Nitrogen system								-	-	-	-
A7.4.3.8.	Pressurization system								-	-	-	-
A7.4.3.9.	Accelerometer								-	-	-	-
A7.4.4.	Troubleshoot											
A7.4.4.1.	Bleed air system								-	-	-	-
A7.4.4.2.	Air conditioning system								-	-	-	-
A7.4.4.3.	Canopy hatch and seal system								-	-	-	-
A7.4.4.4.	Defog system								-	-	-	-
A7.4.4.5.	Fire and overheat warning system								-	-	-	-
A7.4.4.6.	Oxygen system								-	-	-	-

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.4.4.7.	Nitrogen system								-	-	-	-
A7.4.4.8.	Pressurization system								-	-	-	-
A7.4.5.	Oxygen system TR: TO 00-25-172; 15X-1-1; TM U-2S-2-6											
A7.4.5.1.	Service LOX	*							2b	-	-	-
A7.4.5.2.	Drain LOX	*							-	-	-	-
A7.4.6.	Nitrogen system TR: TO 00-25-172; TM U-2S-2-6											
A7.4.6.1.	Service canopy and hatch seal system	*							2b	-	-	-
A7.4.6.2.	Operate canopy and hatch seal system	*							2b	-	-	-
A7.5.	**FLIGHT CONTROL SYSTEM** **TR: U-2S-2-2, U-2ST-2**											
A7.5.1.	Flight control components and system operation								A	B	-	-
A7.5.2.	Perform operational checks											
A7.5.2.1.	Primary flight controls											
A7.5.2.1.1.	Rudder control system								-	-	-	-
A7.5.2.1.2.	Elevator control system								-	-	-	-
A7.5.2.1.3.	Aileron control system								-	-	-	-
A7.5.2.2.	Secondary flight controls											
A7.5.2.2.1.	Horizontal stabilizer control system								-	-	-	-
A7.5.2.2.2.	Speed brake control system								-	-	-	-
A7.5.2.2.3.	Wing flap control system								-	-	-	-
A7.5.2.2.4.	Roll spoiler control system								-	-	-	-
A7.5.2.2.5.	Lift spoiler control system								-	-	-	-
A7.5.2.2.6.	Emergency lift spoiler system								-	-	-	-

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.5.2.2.7. Stall strip system								-	-	-	-
A7.5.3. Remove/inspect/install components											
A7.5.3.1. Primary flight controls											
A7.5.3.1.1. Rudder control surface								-	-	-	-
A7.5.3.1.2. Elevator control surface								-	-	-	-
A7.5.3.1.3. Elevator control servo tab								-	-	-	-
A7.5.3.1.4. Aileron control surface								-	-	-	-
A7.5.3.1.5. Aileron control tab								-	-	-	-
A7.5.3.1.6. Aileron shifter actuator								-	-	-	-
A7.5.3.1.7. Aileron trim tab actuator								-	-	-	-
A7.5.3.2. Secondary flight controls											
A7.5.3.2.1. Speed brake surface								-	-	-	-
A7.5.3.2.2. Wing flap control surface								-	-	-	-
A7.5.3.2.3. Wing flap jack screw actuator								-	-	-	-
A7.5.3.2.4. Wing flap drive gear box								-	-	-	-
A7.5.3.2.5. Wing flap synchronizer shaft								-	-	-	-
A7.5.3.2.6. Fixed flap surface								-	-	-	-
A7.5.3.2.7. Roll spoiler control surface								-	-	-	-
A7.5.3.2.8. Roll spoiler actuators								-	-	-	-
A7.5.3.2.9. Lift spoiler surface								-	-	-	-
A7.5.3.2.10. Lift spoiler actuators								-	-	-	-
A7.5.3.2.11. Speed brake actuators								-	-	-	-
A7.5.3.2.12. Horizontal stabilizer trim actuator								-	-	-	-
A7.5.3.2.13. Stall strip blade assembly								-	-	-	-
A7.5.3.2.14. Stall strip control handle								-	-	-	-
A7.5.3.2.15. Emergency lift spoiler hydraulic pump								-	-	-	-

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.5.4.	Rig and adjust											
A7.5.4.1.	Primary flight controls											
A7.5.4.1.1.	U-2S rudder system								-	-	-	-
A7.5.4.1.2.	U-2ST rudder system								-	-	-	-
A7.5.4.1.3.	U-2S elevator system								-	-	-	-
A7.5.4.1.4.	U-2ST elevator system								-	-	-	-
A7.5.4.1.5.	U-2S aileron system								-	-	-	-
A7.5.4.1.6.	U-2ST aileron system								-	-	-	-
A7.5.4.2.	Secondary flight controls											
A7.5.4.2.1.	Speed brakes								-	-	-	-
A7.5.4.2.2.	Wing flap control system								-	-	-	-
A7.5.4.2.3.	Roll spoilers								-	-	-	-
A7.5.4.2.4.	Lift spoilers								-	-	-	-
A7.5.4.2.5.	Horizontal stabilizer trim actuator end play								-	-	-	-
A7.5.4.2.6.	U-2S stall strip system								-	-	-	-
A7.5.4.2.7.	U-2ST stall strip system								-	-	-	-
A7.5.5.	Assemble and disassemble lube stall strip blade assembly								-	-	-	-
A7.5.6.	Connect and disconnect flap control surface								-	-	-	-
A7.5.7.	Lubricate flight controls								-	-	-	-
A7.5.8.	Troubleshoot flight controls								-	-	-	B
A7.6.	**HYDRAULIC SYSTEMS TR: TM U-2S-2-1; U-2S-2-3**											
A7.6.1.	Hydraulic components and system operation								A	B	-	-
A7.6.2.	Service											
A7.6.2.1.	Reservoir	*							2b	-	-	-

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.6.2.2.	Accumulators	*							2b	-	-	-
A7.6.3.	Operate hydraulic system with											
A7.6.3.1.	AMAD								-	-	-	-
A7.6.3.2.	Hydraulic test stand	*							-	-	-	-
A7.6.3.3.	Engine run								-	-	-	-
A7.6.4.	Remove/inspect/install hydraulic components											
A7.6.4.1.	Actuators								-	-	-	-
A7.6.4.2.	Accumulators								-	-	-	-
A7.6.4.3.	Lines								-	-	-	-
A7.6.4.4.	Filters (pressure and return)								-	-	-	-
A7.6.4.5.	Swivels								-	-	-	-
A7.6.4.6.	Pumps								-	-	-	-
A7.6.4.7.	Reservoir								-	-	-	-
A7.6.4.8.	Hydraulic/oil cooler								-	-	-	-
A7.6.4.9.	Selector and control valves								-	-	-	-
A7.6.4.10.	Power brake control valve								-	-	-	-
A7.6.5.	Remove/inspect/install hydraulic motors											
A7.6.5.1.	Emergency lift spoiler								-	-	-	-
A7.6.5.2.	Standby AC generator								-	-	-	-
A7.6.5.3.	Flap								-	-	-	-
A7.6.5.4.	Stabilizer Trim								-	-	-	-
A7.6.6.	Fill and bleed											
A7.6.6.1.	Hydraulic pump								-	-	-	-
A7.6.6.2.	Lift/roll spoiler system								-	-	-	-
A7.6.6.3.	Speed brake system								-	-	-	-
A7.6.6.4.	Stabilizer trim system								-	-	-	-

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.6.6.5.	Flap control system								-	-	-	-
A7.6.6.6.	Emergency lift spoiler auxiliary pump								-	-	-	-
A7.6.7.	Troubleshooting								-	-	-	B
A7.7.	**ENGINES TR: TM U-2S-2-4; U-2ST-2; AFOSH Std 91-100**											
A7.7.1.	Engine components and system operation								A	B	-	-
A7.7.2.	Perform engine operational check								-	-	-	-
A7.7.3.	Operate engine and subsystems								-	-	-	-
A7.7.4.	Troubleshoot engine and subsystems								-	-	-	-
A7.7.5.	Service											
A7.7.5.1.	Oil system	*							-	-	-	-
A7.7.5.2.	AMAD	*							2b	-	-	-
A7.7.6.	Drain											
A7.7.6.1.	Oil system	*							-	-	-	-
A7.7.6.2.	AMAD	*							-	-	-	-
A7.7.7.	Remove/inspect/install											
A7.7.7.1.	AMAD								-	-	-	-
A7.7.7.2.	AMAD starter								-	-	-	-
A7.7.7.3.	AMAD oil cooler								-	-	-	-
A7.7.7.4.	AMAD magnetic chip detector								-	-	-	-
A7.7.7.5.	Engine								a	-	-	-
A7.7.8.	Take engine JOAP sample TR: TOs 42B2-1-9, 33-1-37	*							3c	-	-	-
A7.7.9.	Use borescope equipment								-	-	-	-
A7.7.10.	Inspect engine and components TR: TM U-2S-6											

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.7.10.1.	Inlet cooling doors								-	-	-	-
A7.7.10.2.	Inlet adapter								-	-	-	-
A7.7.10.3.	Inlet Guide Vanes (IGVs)								-	-	-	-
A7.7.10.4.	1st stage compressor stator and rotor blades								-	-	-	-
A7.7.10.5.	Fan discharge temperature sensor								-	-	-	-
A7.7.10.6.	Main engine control								-	-	-	-
A7.7.10.7.	AC/Tachometer generator								-	-	-	-
A7.7.10.8.	Magnetic chip detector								-	-	-	-
A7.7.11.	Blend compressor blades								-	-	-	-
A7.7.12.	Evaluate engine oil leakage								-	-	-	-
A7.7.13.	Engine monitoring system											
A7.7.13.1.	Inspect N2 gauge data								-	-	-	-
A7.7.13.2.	Inspect EGT gauge data								-	-	-	-
A7.7.14.	AMAD couple and decouple procedures											
A7.7.14.1.	Perform coupling procedures								-	-	-	-
A7.7.14.2.	Perform decoupling procedures								-	-	-	-
A7.7.15.	Operational check AMAD using ground motoring cart (RG920-1)								-	-	-	-
A7.7.16.	Engine emergency start system											
A7.7.16.1.	Detect safe and unsafe hydrazine condition								-	-	-	-
A7.7.16.2.	Service ESS nitrogen bottle								-	-	-	-
A7.7.16.3.	Remove/inspect/install ESS ground safety pin								-	-	-	-
A7.7.16.4.	Troubleshooting								-	-	-	-
A7.7.17.	Throttle control system											
A7.7.17.1.	Rig and adjust											

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.7.17.1.1.	U-2S throttle control cable system								-	-	-	-
A7.7.17.1.2.	U-2ST throttle control cable system								-	-	-	-
A7.7.17.2.	Remove/inspect/install											
A7.7.17.2.1.	U-2S throttle quadrant								-	-	-	-
A7.7.17.2.2.	U-2ST forward throttle quadrant								-	-	-	-
A7.7.17.2.3.	U-2ST rear throttle quadrant								-	-	-	-
A7.8.	**AIRCRAFT FUEL SYSTEMS TR: TM U-2S-2-1; U-2S-2-4; U-2S-2-5; U-2ST-2; TO 00-25-172; TO 1-1-3; ACCI 21-101; Applicable AFOSH Stds.**											
A7.8.1.	Fuel components and system operation								A	B	-	-
A7.8.2.	Operate internal fuel system								3c	-	-	-
A7.8.3.	Refuel and defuel aircraft											
A7.8.3.1.	Team member	*							3c	-	-	-
A7.8.3.2.	Team supervisor		*						-	-	-	-
A7.8.4.	Prepare acft for fuel cell maintenance								-	-	-	-
A7.8.5.	Inspect fuel system components								-	-	-	-
A7.8.6.	Set electronic fuel counter								3c	-	-	-
A7.8.7.	Perform fuel boost pump operational and leak check								3c	-	-	-
A7.8.8.	Hot refuel KC-135 to U-2											
A7.8.8.1.	Position A								-	-	-	-
A7.8.8.2.	Position B								-	-	-	-
A7.8.8.3.	Position C								-	-	-	-
A7.9.	**ELECTRICAL SYSTEM TR: TM U-2S-2-8; U-2S-6**											
A7.9.1.	Electrical system components and system operation								A	B	-	-

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.9.2.	Connect, apply, and disconnect external electrical power	*							3c	-	-	-
A7.9.3.	Operate (with external power)											
A7.9.3.1.	Indicator warning lights								-	-	-	-
A7.9.3.2.	Electrical power supply system								-	-	-	-
A7.9.3.3. external)	Lighting system (internal and								-	-	-	-
A7.9.3.4.	Avionics processor/multifunction displays								-	-	-	-
A7.9.4.	Remove/inspect/install											
A7.9.4.1.	Light lenses								-	-	-	-
A7.9.4.2.	Lamps and bulbs								-	-	-	-
A7.9.4.3.	Batteries	*							2b	-	-	-
A7.9.5.	Use wiring diagrams								-	-	-	-
A7.9.6.	Inspect											
A7.9.6.1.	Components								-	-	-	-
A7.9.6.2.	Wiring and connectors								-	-	-	-
A7.9.6.3.	Terminal strips								-	-	-	-
A7.9.6.4.	BCCU State of charge								-	-	-	-
A7.9.7.	Troubleshooting								-	-	-	-
A7.10.	**EGRESS SYSTEM TR: TM U-2S-2-1; U-2S-2-2; RQ 201; U-2S-6**											
A7.10.1.	Egress components and system operation								A	-	-	-
A7.10.2.	Inspect components and plumbing								-	-	-	-
A7.10.3.	Perform cockpit entry procedures	*							3c	-	-	-
A7.11.	**AEROSPACE GROUND EQUIPMENT TR: TM U-2S-2-1; U-2S-2-2; U-2ST-2; AFOSH Std 91-100**											

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.11.4 Hydraulic fluid tester RG10-60 TR: TO 33A2 Series											
A7.11.4.1. Perform pre-use inspection								-	-	-	-
A7.11.4.2. Operate								-	-	-	-
A7.11.8. Engine transfer trailer TR: TO 35D3 Series											
A7.11.8.1. Perform pre-use inspection								-	-	-	-
A7.11.8.2. Operate								-	-	-	-
A7.11.9. RG130 fuselage cart TR: TM U-2S-2-1											
A7.11.9.1. Perform pre-use inspection								-	-	-	-
A7.11.9.2. Operate								-	-	-	-
A7.11.10. RG733 aft section cart TR: TM U-2S-2-1, U-2S-2-2											
A7.11.10.1. Perform pre-use inspection								-	-	-	-
A7.11.10.2. Operate								-	-	-	-
A7.11.11. RG16 nose removal dolly TR: TM U-2S-2-2											
A7.11.11.1. Perform pre-use inspection								-	-	-	-
A7.11.11.2. Operate								-	-	-	-
A7.11.12. Superpod dollies TR: TM U-2S-2-12 Vol I											
A7.11.12.1. RG504 fore and aft pod dolly TR: TM U-2S-2-12 Vol I											
A7.11.12.1.1. Perform pre-use inspection								-	-	-	-
A7.11.12.1.2. Operate								-	-	-	-
A7.11.13. RG494 superpod midbody dolly TR: TM U-2S-2-12 Vol I											
A7.11.13.1. Perform pre-use inspection								-	-	-	-
A7.11.13.2. Operate								-	-	-	-

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.11.14. AM32A-86 Generator TR: Applicable TM											
A7.11.14.1. Perform pre-use inspection	*							3c	-	-	-
A7.11.14.2. Operate	*							3c	-	-	-
A7.11.15. AM32A-95 TR: Applicable TM											
A7.11.15.1. Perform pre-use inspection	*							-	-	-	-
A7.11.15.2. Operate	*							-	-	-	-
A7.11.16. EPU-G/E shelter power unit TR: 35CL-4-146-1											
A7.11.16.1. Perform pre-use inspection								3c	-	-	-
A7.11.16.2. Operate								3c	-	-	-
A7.11.17. RG 38 sulky TR: U-2S-2-1											
A7.11.17.1. Perform pre-use inspection								-	-	-	-
A7.11.17.2. Operate								-	-	-	-
A7.11.18. RG158-2 emergency towbar TR: U-2S-2-1											
A7.11.18.1. Perform pre-use inspection								-	-	-	-
A7.11.18.2. Operate								-	-	-	-
A7.11.19. RG 290-1 AMAD ground motoring cart TR: U-2S-2-2											
A7.11.19.1. Perform pre-use inspection								-	-	-	-
A7.11.19.2. Operate								-	-	-	-
A7.11.20. RG37 wing support assembly TR: TO 35-1-246WC-1											
A7.11.20.1. Perform pre-use inspection								-	-	-	-
A7.11.20.2. Use								-	-	-	-
A7.11.21. RG305 wing support stand TR: TO 35-1-246WC-1											

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.11.21.1. Perform pre-use inspection								3c	-	-	-
A7.11.21.2. Use								3c	-	-	-
A7.11.22. RG148 MLG jack assembly											
A7.11.22.1. Perform pre-use inspection								-	-	-	-
A7.11.22.2. Use								-	-	-	-
A7.11.23. RG52 Q-bay hoist assembly											
A7.11.23.1. Perform pre-use inspection								-	-	-	-
A7.11.23.2. Use								-	-	-	-
A7.11.24. Overhead hoist assembly											
A7.11.24.1. Perform pre-use inspection								-	-	-	-
A7.11.24.2. Use								-	-	-	-
A7.11.25. RG587 Q-bay hatch dolly											
A7.11.25.1. Perform pre-use inspection								-	-	-	-
A7.11.25.2. Use								-	-	-	-
A7.11.26. RG157 cockpit workstand assembly - RG580 service stand (U-2ST)											
A7.11.26.1. Perform pre-use inspection								3c	-	-	-
A7.11.26.2. Use								3c	-	-	-
A7.11.27. Mooring equipment											
A7.11.27.1. Perform pre-use inspection								-	-	-	-
A7.11.27.2. Use								-	-	-	-
A7.11.28. RG17 engine runup kit (RG44 deadman, or RG221 spreader bar)											
A7.11.28.1. Perform pre-use inspection								-	-	-	-
A7.11.28.2. Use								-	-	-	-
A7.11.30. RG2069 cooling cart											
A7.11.30.1. Perform pre-use inspection								-	-	-	-
A7.11.30.2. Use								-	-	-	-

U-2 AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A7.11.31. RG2080 cooling cart								-	-	-	-
A7.11.31.1. Perform pre-use inspection								-	-	-	-
A7.11.31.2. Use								-	-	-	-
A7.12. PNEUMATIC ELEVATOR BAGS TO: TM 1U-2S-6WC-1											
A7.12.1. Perform pre-use inspection								-	-	-	-
A7.12.2. Perform 90-day inspection								-	-	-	-
A7.12.3. Perform periodic inspection								-	-	-	-
A7.13. PNEUMATIC LIFTING CONSOLE TO: TM 1U-2S-6WC-1											
A7.13.1. Perform pre-use inspection								-	-	-	-
A7.13.2. Perform 90-day inspection								-	-	-	-
A7.13.3. Perform periodic inspection								-	-	-	-

UAV (RQ-1) AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
NOTE 1: Use this attachment in conjunction with STS 2A3X3 attachment 2.											
NOTE 2: All task/knowledge taught in the initial skills course trained in the resident wartime courses. The resident 7-level course is not taught during wartime.											
NOTE 3: Items in column 2 marked with an asterisk (*) are the core tasks for either the 5 or 7 skill level and are required for upgrade. Items marked with an (*/R) are not required by AFRC and ANG for upgrade.											
A8.1. AIRCRAFT SET-UP AND PACK-OUT PROCEDURES TR: 1Q-1(R)B-2-3											
A8.1.1. Perform Aircraft Unpack/Set-up Procedures	*							-	-	-	-
A8.1.2. Perform Aircraft Pack-out Procedures	*							-	-	-	-
A8.2. AIRCRAFT SERVICING TR: 1Q-1(R)B-2-3											
A8.2.1. Perform Aircraft Fuel/Defuel Procedures	*							-	-	-	-
A8.2.2. Perform Aircraft Engine Oil Draining and Servicing								-	-	-	-
A8.2.3. Perform Aircraft Coolant System Draining and Servicing								-	-	-	-
A8.2.4. Perform Aircraft Tire Servicing	*							-	-	-	-
A8.2.5. Perform Aircraft Battery Charging								-	-	-	-
A8.2.6. Perform Aircraft Battery Reconditioning								-	-	-	-
A8.3. AIRCRAFT GENERAL TR: 1Q-1(R)B-2-3											
A8.3.1. Composite Materials								-	B	-	-
A8.3.2. Perform Aircraft Panel Removal and Installation Procedures	*							-	-	-	-
A8.3.3. Perform Lower Engine Cowl Removal and Installation Procedures	*							-	-	-	-
A8.3.4. Perform Hour Meter Removal and Installation Procedures								-	-	-	-
A8.3.5. Perform Aircraft Power Up and Power Down Procedures								-	-	-	-

UAV (RQ-1) AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A8.3.6.	Perform Direct Connect Data Link Test								-	-	-	-
A8.4.	**AIRCRAFT INSPECTIONS TR: 1Q-1(R)B-2-3**											
A8.4.1.	Perform 25 Hour Engine Inspection								-	-	-	-
A8.4.2.	Perform 50 Hour Engine Inspection								-	-	-	-
A8.4.3.	Perform 100 Hour Engine Inspection								-	-	-	-
A8.4.4.	Perform 150 Hour Engine Inspection								-	-	-	-
A8.4.5.	Perform 300 Hour Engine Inspection		*						-	-	-	-
A8.4.6.	Perform Pre-Flight Inspection	*							-	-	-	-
A8.4.7.	Perform Basic Post Flight Inspection	*							-	-	-	-
A8.4.8.	Perform Thru-Flight Inspection	*							-	-	-	-
A8.4.9.	Perform Combined Preflight/Post Flight Inspection	*							-	-	-	-
A8.4.10.	Perform Center of Gravity Procedures								-	-	-	-
A8.4.11.	Perform Hard Landing Inspection		*						-	-	-	-
A8.4.12.	Perform Airframe Over "G"/Severe Turbulence Inspection		*						-	-	-	-
A8.4.13.	Perform Airframe Overspeed Inspection		*						-	-	-	-
A8.5.	**GROUND HANDLING TR: 1Q-1(R)B-2-3**											
A8.5.1.	Launch Aircraft	*							-	-	-	-
A8.5.2.	Recover Aircraft	*							-	-	-	-
A8.5.3.	Tow/Push Aircraft											
A8.5.3.1.	Tow/Push Team Member								-	-	-	-
A8.5.3.2.	Tow/Push Team Supervisor								-	-	-	-
A8.5.3.3.	Tow Vehicle Operator								-	-	-	-
A8.5.4.	Perform Aircraft Hoist Procedures											
A8.5.4.1.	Team Member								-	-	-	-

UAV (RQ-1) AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A8.5.4.2.	Team Supervisor								-	-	-	-
A8.5.5.	Perform Aircraft Safe for Maintenance Procedures								-	-	-	-
A8.6.	**AIRCRAFT ENGINE TR: 1Q-1(R)B-2-3**											
A8.6.1.	Theory of Operation								-	A	-	B
A8.6.2.	Purpose, Characteristics and Location								-	-	-	-
A8.6.3.	Inspections											
A8.6.3.1.	Perform Starter/Alternator Coupler Inspection								-	-	-	-
A8.6.3.2.	Perform Cylinder Head and Piston Inspection	*							-	-	-	-
A8.6.3.3.	Perform Hand Gearbox Backlash Inspection		*						-	-	-	-
A8.6.3.4.	Perform Gearbox Clutch Inspection								-	-	-	-
A8.6.3.5.	Perform Engine Limitation Exceeded Inspection								-	-	-	-
A8.6.3.6.	Perform Valve Inspection								-	-	-	-
A8.6.4.	Perform Operational Check											
A8.6.4.1.	Engine Kill Relay Test								-	-	-	-
A8.6.4.2.	Throttle Test								-	-	-	-
A8.6.4.3.	Engine Test								-	-	-	-
A8.6.4.4.	Compression Check								-	-	-	-
A8.6.4.5.	Engine Sensor System Tests								-	-	-	-
A8.6.5.	Troubleshoot System											
A8.6.5.1.	Engine Operation								-	-	-	B
A8.6.5.2.	Engine Sensor System		*						-	-	-	-
A8.6.5.3.	Engine Exhaust System		*						-	-	-	-
A8.6.5.4.	Engine Induction		*						-	-	-	-
A8.6.5.5.	Engine and Propeller System		*						-	-	-	-

UAV (RQ-1) AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A8.6.6.	Engine Removal and Installation											
A8.6.6.1.	Remove Engine	*							-	-	-	-
A8.6.6.2.	Install Engine	*							-	-	-	-
A8.6.7.	Perform Cylinder Head Re-Torque Procedures								-	-	-	-
A8.6.8.	Perform Spark Plug Removal, Inspection, Gap and Replacement Procedures								-	-	-	-
A8.6.9.	Perform Exhaust Manifold Removal and Installation Procedures								-	-	-	-
A8.6.10.	Perform Intake Manifold Removal and Installation Procedures								-	-	-	-
A8.6.11.	Perform Starter/Alternator Removal and Installation Procedures								-	-	-	-
A8.6.12.	Perform Starter/Alternator Mounting Plate Adjustment		*						-	-	-	-
A8.6.13.	Perform Manifold Charge Temperature (MCT) Sensor Removal and Installation Procedures								-	-	-	-
A8.6.14.	Perform Manifold Air Pressure (MAP) Sensor Removal and Installation Procedures								-	-	-	-
A8.6.15.	Perform Cylinder Head Temperature (CHT) Sensor Removal and Installation Procedures								-	-	-	-
A8.6.16.	Perform Exhaust Gas Temperature (EGT) Probe Removal and Installation Procedures								-	-	-	-
A8.6.17.	Perform Miscellaneous Engine Hardware and Tubing Removal and Installation Procedures								-	-	-	-
A8.6.18.	Perform Cylinder Head Removal and Installation Procedures								-	-	-	-
A8.6.19.	Perform Cylinder Head Disassembly and Reassembly Procedures								-	-	-	-
A8.6.20.	Perform Valve Removal and Installation Procedures								-	-	-	-

UAV (RQ-1) AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A8.6.21.	Perform Carburetor Removal and Installation Procedures								-	-	-	-
A8.6.22.	Perform Carburetor Rigging Procedures								-	-	-	-
A8.6.23.	Perform Turbo Removal and Installation Procedures								-	-	-	-
A8.6.24.	Perform Throttle Servo Removal and Installation Procedures								-	-	-	-
A8.6.25.	Perform Waste Gate Servo Removal and Installation Procedures								-	-	-	-
A8.6.26.	Perform Waste Gate Rigging Procedures								-	-	-	-
A8.7.	**VARIABLE PITCH PROPELLER SYSTEM TR: 1Q-1(R)B-2-3**											
A8.7.1.	Theory of Operation								-	A	-	-
A8.7.2.	Purpose, Characteristics and Location								-	-	-	-
A8.7.3.	Perform Variable Pitch Propeller Assembly Removal and Installation Procedures								-	-	-	-
A8.7.4.	Perform Variable Pitch Propeller Servo Removal and Installation Procedures								-	-	-	-
A8.7.5.	Perform Variable Pitch Propeller Servo Adjustment		*						-	-	-	-
A8.7.6.	Perform Variable Pitch Propeller Tests		*						-	-	-	-
A8.7.7.	Perform Variable Pitch Propeller Quill Shaft Removal and Installation Procedures		*						-	-	-	-
A8.8.	**ENGINE COOLING SYSTEM TR: 1Q-1(R)B-2-3**											
A8.8.1.	Theory of Operation								-	B	-	-
A8.8.2.	Purpose, Characteristics and Location								-	-	-	-
A8.8.3.	Perform Water Pump Weep Hole Inspection								-	-	-	-

UAV (RQ-1) AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A8.8.4.	Perform Engine Cooling Fan and Flap Test								-	-	-	-
A8.8.5.	Troubleshoot System								-	-	-	-
A8.8.6.	Perform Engine Bay Cooling Fan Removal and Installation Procedures								-	-	-	-
A8.8.7.	Perform Engine Coolant Temperature (ECT) Sensor Removal & Installation								-	-	-	-
A8.8.8.	Perform Engine Bay Cowl Flap Servo Removal and Installation Procedures								-	-	-	-
A8.8.9.	Perform Water Pump Housing Removal and Installation Procedures								-	-	-	-
A8.8.10.	Perform Water Pump Rotary Seal and Gasket Set Removal and Installation Procedures								-	-	-	-
A8.9.	**AIRCRAFT FUEL SYSTEM TR: 1Q-1-(R)B-2-3**											
A8.9.1.	Theory of Operation								-	B	-	B
A8.9.2.	Purpose, Characteristics and Location								-	-	-	-
A8.9.3.	Perform Inspection								-	-	-	-
A8.9.4.	Perform Operational Check											
A8.9.4.1.	Fuel Level Sensor Test								-	-	-	-
A8.9.4.2.	Fuel Pressure Regulator Test								-	-	-	-
A8.9.4.3.	Fuel Pressure Sensor Test								-	-	-	-
A8.9.5.	Troubleshoot System								-	-	-	-
A8.9.6.	Perform Calibration Procedures											
A8.9.6.1.	Fuel Level Sensor Adjustment								-	-	-	-
A8.9.6.2.	Fuel Pressure Regulator Adjustment								-	-	-	-
A8.9.7.	Perform Fwd and Aft Fuel Level Sensors Removal and Installation Procedures								-	-	-	-
A8.9.8.	Perform Fuel Feed Tray Removal and Installation Procedures	*							-	-	-	-

UAV (RQ-1) AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A8.9.9.	Perform Fuel Return Tray Removal and Installation Procedures	*							-	-	-	-
A8.9.10.	Fuel Filters											
A8.9.10.1.	Perform Feed Tray Filter(s) Removal and Installation Procedures								-	-	-	-
A8.9.10.2.	Perform Fuel Pressure Sensor Removal and Installation								-	-	-	-
A8.9.10.3.	Perform Fuel Pressure Regulator Removal and Installation Procedures								-	-	-	-
A8.9.10.4.	Perform Fuel Pump Removal and Installation Procedures								-	-	-	-
A8.10.	**ENGINE LUBRICATION SYSTEM TR: 1Q-1(R)B-2-3**											
A8.10.1.	Theory of Operation								-	B	-	-
A8.10.2.	Purpose, Characteristics, and Location								-	-	-	-
A8.10.3.	Perform Inspection								-	-	-	-
A8.10.4.	Perform Operational Check								-	-	-	-
A8.10.5.	Perform Oil Level Sensor Adjustment Procedures								-	-	-	-
A8.10.6.	Troubleshoot System								-	-	-	-
A8.10.7.	Perform Oil Tank Removal and Installation Procedures								-	-	-	-
A8.10.8.	Perform Oil Cooler/Radiator Removal and Installation Procedures								-	-	-	-
A8.10.9.	Perform Oil Pressure Sensor Removal and Installation Procedures								-	-	-	-
A8.10.10.	Perform Oil Temperature Sensor Removal and Installation Procedures								-	-	-	-
A8.10.11.	Perform Oil Filter Removal and Installation Procedures								-	-	-	-
A8.10.12.	Perform Oil Pump Removal and Installation Procedures	*							-	-	-	-
A8.10.13.	Perform Oil Level Sensor Removal and Installation Procedures								-	-	-	-

UAV (RQ-1) AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A8.11.	**ENGINE IGNITION SYSTEM TR: 1Q-1(R)B-2-3**											
A8.11.1.	Theory of Operation								-	A	-	-
A8.11.2.	Purpose, Characteristics and Location								-	-	-	-
A8.11.3.	Perform Inspection								-	-	-	-
A8.11.4.	Perform Operational Check								-	-	-	-
A8.11.5.	Troubleshoot System								-	-	-	-
A8.11.6.	Perform Ignition Module and Spark Plug Harness Assembly Removal and Installation Procedures								-	-	-	-
A8.11.7.	Perform Ignition Relay Box Removal and Installation Procedures								-	-	-	-
A8.11.8.	Perform Ignition Kill Switch Removal and Installation Procedures								-	-	-	-
A8.12.	**ELECTRICAL POWER AND DISTRIBUTION SYSTEM TR: 1Q-1(R)B-2-3**											
A8.12.1.	Theory of Operation								-	B	-	B
A8.12.2.	Purpose, Characteristics, and Location								-	-	-	-
A8.12.3.	Perform Inspection								-	-	-	-
A8.12.4.	Perform Operational Check											
A8.12.4.1.	Ground Power Test								-	-	-	-
A8.12.4.2.	Battery Power Test								-	-	-	-
A8.12.4.3.	PPDM Test								-	-	-	-
A8.12.4.4.	System Temperature Test								-	-	-	-
A8.12.5.	Troubleshoot System								-	-	-	-
A8.12.6.	Perform Power Supply Removal and Installation Procedures								-	-	-	-
A8.12.7.	Perform Payload Power Distribution Removal and Installation Procedures								-	-	-	-
A8.12.8.	Perform Battery Removal and Installation procedures								-	-	-	-

UAV (RQ-1) AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A8.12.9.	Perform Alternator Terminal Block Removal and Installation Procedures								-	-	-	-
A8.12.10.	Perform Current Sense Module Removal and Installation Procedures								-	-	-	-
A8.12.11.	Perform Battery Charge/Monitor Board Removal and Installation Procedures								-	-	-	-
A8.13.	**FLIGHT CONTROL SYSTEM TR: 1Q-1(R)-2-3**											
A8.13.1.	Theory of Operation								-	B	-	B
A8.13.2.	Purpose, Characteristics, and Location								-	A	-	-
A8.13.3.	Perform Inspection								-	-	-	-
A8.13.4.	Perform Operational Check											
A8.13.4.1.	Tail Plane Control Test								-	-	-	-
A8.13.4.2.	Aileron Control Test								-	-	-	-
A8.13.4.3.	Flap Control Test								-	-	-	-
A8.13.5.	Perform System Rigging and Adjustment Procedures											
A8.13.5.1.	Aileron Servo Rigging	*							-	-	-	-
A8.13.5.2.	Flap Servo Rigging	*							-	-	-	-
A8.13.5.3.	Tail Plane Servo Rigging	*							-	-	-	-
A8.13.6.	Troubleshoot System								-	-	-	-
A8.13.7.	Perform Aileron Servo Removal and Installation Procedures								-	-	-	-
A8.13.8.	Perform Flap Servo Removal and Installation Procedures								-	-	-	-
A8.13.9.	Perform Tail Plane Servo Removal and Installation Procedures								-	-	-	-
A8.13.10.	Perform Wing Removal and Installation Procedures	*							-	-	-	-
A8.13.11.	Perform Tail Plane Removal and Installation	*							-	-	-	-

UAV (RQ-1) AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A8.13.12.	Perform Vertical Fin Removal and Installation Procedures								-	-	-	-
A8.13.13.	Perform Tail Plane Counterbalance Assembly Removal and Installation Procedures								-	-	-	-
A8.14.	**DE-ICE SYSTEM TR: 1Q-1(R)B-2-3**											
A8.14.1.	Theory of Operation								-	A	-	-
A8.14.2.	Purpose, Characteristics and Location								-	-	-	-
A8.14.3.	Tank Filling and Draining Procedures								-	-	-	-
A8.14.4.	Perform System Inspection								-	-	-	-
A8.14.5.	Perform System Tests											
A8.14.5.1.	De-ice Pump								-	-	-	-
A8.14.5.2.	Ice Detector								-	-	-	-
A8.14.5.3.	Fluid Level Sensor								-	-	-	-
A8.14.5.4.	De-ice Heated Alpha Probe Assembly Operational Check								-	-	-	-
A8.14.6.	Perform De-ice Wing Removal and Installation Procedures								-	-	-	-
A8.14.7.	Perform De-ice Tail Removal and Installation Procedures								-	-	-	-
A8.14.8.	Perform De-ice Vertical Stabilizer Removal and Installation Procedures								-	-	-	-
A8.14.9.	Perform Visual Ice Detector Removal and Installation Procedures								-	-	-	-
A8.14.10.	Perform Wing Proportioning Unit Removal and Installation Procedures								-	-	-	-
A8.14.11.	Perform Tail Proportioning Valve Removal and Installation Procedures								-	-	-	-
A8.14.12.	Perform Tail Lines Removal and Installation Procedures								-	-	-	-
A8.14.13.	Perform De-ice Controller Removal and Installation Procedures								-	-	-	-

UAV (RQ-1) AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A8.14.14.	Perform De-ice Pump and Tank Removal and Installation Procedures								-	-	-	-
A8.14.15.	Perform De-ice Tank Filter Removal and Installation Procedures								-	-	-	-
A8.14.16.	Perform De-ice Tank Strainer Removal and Installation Procedures								-	-	-	-
A8.14.17.	Perform Ice Detector Removal and Installation Procedures								-	-	-	-
A8.14.18.	Perform De-ice Heated Alpha Probe Assembly Removal and Installation								-	-	-	-
A8.14.19.	Perform De-ice Nose Blanket Heater Controller Assembly Removal and Installation Procedures								-	-	-	-
A8.15.	**AIRCRAFT LIGHTING SYSTEM TR: 1Q-1(R)-2-3**											
A8.15.1.	Theory of Operation								-	B	-	-
A8.15.2.	Purpose, Characteristics and Location								-	-	-	-
A8.15.3.	Perform Inspection								-	-	-	-
A8.15.4.	Perform Operational Check											
A8.15.4.1.	Navigation Light Test								-	-	-	-
A8.14.4.2.	Strobe Light Test								-	-	-	-
A8.15.5.	Perform Red Warning Strobe Removal and Installation Procedures								-	-	-	-
A8.15.6.	Perform Red Warning Strobe Operational Check								-	-	-	-
A8.15.7.	Perform AFT Strobe Power Supply Removal and Installation Procedures								-	-	-	-
A8.16.	**LANDING GEAR SYSTEM TR: 1Q-1(R)B-2-3**											
A8.16.1.	Theory of Operation								-	B	-	B
A8.16.2.	Purpose, Characteristics and Location								-	B	-	-
A8.16.3.	Perform Inspection								-	-	-	-

UAV (RQ-1) AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A8.16.4.	Perform Operational Check											
A8.16.4.1.	Nose Wheel Steering Test								-	-	-	-
A8.16.4.2.	Landing Gear Test								-	-	-	-
A8.16.5.	Perform System Rigging and Adjustment Procedures											
A8.16.5.1.	Main Landing Gear Teeter Angle Rigging		*						-	-	-	-
A8.16.5.2.	Main Landing Gear Toe-in Rigging		*						-	-	-	-
A8.16.5.3.	Nose Gear Steering Servo Rigging								-	-	-	-
A8.16.5.4.	Nose Landing Gear Stop Adjustment								-	-	-	-
A8.16.6.	Troubleshoot System								-	-	-	B
A8.16.7.	Perform Nose Landing Gear Removal and Installation Procedures								-	-	-	-
A8.16.8.	Perform Main Landing Gear Removal and Installation Procedures								-	-	-	-
A8.16.9.	Perform Main Landing Gear Axle Assembly Removal and Installation Procedures								-	-	-	-
A8.16.10.	Perform Nose Landing Gear Retract Servo Removal and Installation Procedures								-	-	-	-
A8.16.11.	Perform Main Landing Gear Retract Servo Removal and Installation Procedures								-	-	-	-
A8.16.12.	Perform Nose Landing Gear Tire Removal and Installation Procedures								-	-	-	-
A8.16.13.	Perform Main Landing Gear Tire Removal and Installation Procedures								-	-	-	-
A8.16.14.	Perform Nose Landing Gear Wheel Removal and Installation Procedures	*							-	-	-	-
A8.16.15.	Perform Main Landing Gear Wheel Removal and Installation Procedures	*							-	-	-	-
A8.16.16.	Perform Nose Landing Gear Shock Absorber Removal and Installation Procedures								-	-	-	-

UAV (RQ-1) AIRCRAFT QUALITATIVE REQUIREMENTS

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A8.16.17.	Perform Nose Wheel Steering Servo Removal and Installation Procedures								-	-	-	-
A8.16.18.	Perform Main Landing Gear V-Block Removal and Installation Procedures								-	-	-	-
A8.16.19.	Perform Tire Build-up		*						-	-	-	-
A8.17.	**AIRCRAFT BRAKE SYSTEM TR: 1Q-1(R)B-2-3**											
A8.17.1.	Theory of Operation								-	B	-	-
A8.17.2.	Purpose, Characteristics and Location								-	B	-	-
A8.17.3.	Perform Inspections								-	-	-	-
A8.17.4.	Perform Operational Checks								-	-	-	-
A8.17.5.	Troubleshoot System								-	-	-	-
A8.17.6.	Perform Brake Servo Removal and Installation Procedures								-	-	-	-
A8.17.7.	Perform Brake Pad Removal and Installation Procedures								-	-	-	-
A8.17.8.	Perform Manual Brake Adjustment Procedures								-	-	-	-
A8.18.	**SUPPORT EQUIPMENT TR: 1Q-1(R)B-2-3**											
A8.18.1.	Perform Inspections								-	-	-	-
A8.18.2.	Proper use and Operation of Starter/Power Cart								-	-	-	-
A8.18.3.	Proper Use and Operation of Refuel/Defuel Cart								-	-	-	-
A8.18.4.	Proper Use and Operation of Battery Charger								-	-	-	-
A8.18.5.	Proper Use and Operation of Hoist								-	-	-	-
A8.18.6.	Proper Use and Operation of Single Bay Control Station (Half Rack)								-	-	-	-
A8.18.7.	Proper Use and Operation of Sorenson Power Supply								-	-	-	-

COURSE MATRIX

S	J	J	J	J	J	J	J	J	J
T	3	3	3	3	3	3	3	3	3
S	A	A	A	A	A	A	A	A	A
	T	Q	B	Q	B	B	Q	B	B
I	R	R	P	R	P	P	R	P	P
T	2	2	2	2	2	2	2	2	2
E	A	A	A	A	A	A	A	A	A
M	3	3	3	3	3	3	3	3	3
	3	3	3	3	3	3	3	3	3
N	3	3	3	3	3	3	3	3	3
U		A	A	B	B	B	E	E	H
M									
B	0	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0	0
R	0	3	4	3	7	5	2	4	5

This matrix lists just those STS line items covered in formal 3-level AFSC training and provides an outline of training. All fighter AFSs use the first column since this is fundamentals training at Sheppard AFB that all fighter crew chiefs must attend. Cold and Hot training are documented in the columns for those particular courses. In some cases, fundamental and cold courses may reflect interim proficiency codes, with the terminal codes in hot training.

A2.1.	CAREER LADDER INFORMATION									
A2.1.3.	Progression in career ladder 2A3X3	A								
A2.1.4.	Duties of AFS 2A3X3	A								
A2.2.	OPERATIONS SECURITY (OPSEC) VULNERABILITY OF AFSC 2A3X3	A								
A2.3.	AF OCCUPATIONAL SAFETY AND HEALTH (AFOSH) PROGRAM									
A2.3.1.	Housekeeping consistent with safety of personnel and equipment	A								
A2.3.2.	Safety precautions pertaining to aircraft maintenance									
A2.3.2.1.	Engine air intake and exhaust	A								
A2.3.2.2.	High intensity sound	A								
A2.3.2.3.	Turbine plane of rotation	A								
A2.3.2.4.	Radio frequency radiation	A								
A2.3.2.5.	Ground handling of aircraft	A								
A2.3.2.6.	Hot brakes	A								
A2.3.2.7.	Use of tools and equipment	A								
A2.3.2.8.	Servicing aircraft systems	A								
A2.3.2.9.	Cleaning agents	A								
A2.3.2.10.	Solvents	A								
A2.3.2.11.	Lubricants	A								
A2.3.2.14	Composite Materials	A								
A2.3.3.	Portable ground fire extinguishers									
A2.3.3.1.	Perform pre-use inspect	2b								
A2.3.3.2.	Position	b								
A2.3.3.3	Operate	b								
A2.3.4	Foreign Object Damage (FOD) Prevention Program	A								
A2.3.6.	Hazardous chemicals									
A2.3.6.1.	Use	A								
A2.3.6.2.	Disposal	A								
A2.3.6.3	Hazard Communication Training Program	A								
A2.4.	MAINTENANCE DIRECTIVES, INSTRUCTIONS AND REFERENCES									
A2.4.1.	TO system	A								
A2.4.2.	Air Force manuals and instructions	A								

COURSE MATRIX

	S	J	J	J	J	J	J	J	J	J
	T	3	3	3	3	3	3	3	3	3
	S	A	A	A	A	A	A	A	A	A
		T	Q	B	Q	B	B	Q	B	B
	I	R	R	P	R	P	P	R	P	P
	T	2	2	2	2	2	2	2	2	2
	E	A	A	A	A	A	A	A	A	A
	M	3	3	3	3	3	3	3	3	3
		3	3	3	3	3	3	3	3	3
	N	3	3	3	3	3	3	3	3	3
	U		A	A	B	B	B	E	E	H
	M									
	B	0	0	0	0	0	0	0	0	0
	E	0	0	0	0	0	0	0	0	0
	R	0	3	4	3	7	5	2	4	5
A2.4.3.	Use technical publications	1b	2b		2b			2b		2b
A2.7.	MAINTENANCE MANAGEMENT									
A2.7.1.	Basic functions within maintenance	A								
A2.8.	MAINTENANCE DATA COLLECTION (MDC) SYSTEM									
A2.8.1.	MDC Fundamentals	A								
A2.8.3.	Aircraft and supporting maintenance records									
A2.8.3.1.	Purpose	A								
A2.8.3.2.	Automated Forms	A								
A2.8.3.3.	Document AFTO Form 781H	1b	2b	3c	3c			3c		3c
A2.8.3.4.	Document AFTO Form 781A	1b	2b	3c	3c			3c		3c
A2.8.3.5.	Document AFTO Form 781J	1b	2b	3c	3c			3c		3c
A2.8.3.6.	Document AFTO Form 781K	1b	2b	3c	3c			3c		3c
A2.8.3.9.	Document DD Form 2026 (JOAP)			2b	2b					2b
A2.8.3.12.	Document AFTO Form 244	a								
A2.8.3.14.	Document AFTO Form 350	1b								
A2.8.4.	Core Automated Maintenance System (CAMS)									
A2.8.4.1.	Purpose	A								
A2.8.4.2.	Job data documentation (JDD)									
A2.8.4.2.1.	Purpose	A								
A2.8.4.2.2.	Access JDD	1b	2b		2b			2b		2b
A2.8.4.2.3.	Create maintenance event	1b	2b		2b			2b		2b
A2.8.4.2.4.	Defer maintenance event	1b	2b		2b			2b		2b
A2.8.4.2.5.	Schedule maintenance event	1b	2b		2b			2b		2b
A2.8.4.2.6.	Close maintenance event	1b	2b		2b			2b		2b
A2.9.	MAINTENANCE MATERIALS AND TOOLS									
A2.9.1.	Tool control	A								
A2.9.5.	Hardware									
A2.9.5.1.	Purpose	A								
A2.9.5.2.	Remove/inspect/install	2b								
A2.9.6.	Electrical connectors									
A2.9.6.1.	Purpose	A								
A2.9.6.2.	Connect and disconnect	2b								
A2.9.7.	Securing devices									
A2.9.7.1.	Purpose	A								
A2.9.7.2.	Install and remove	2b								
A2.9.8.	Lubricants	A								
A2.9.9.	Sealants	A								

COURSE MATRIX

STS ITEM NUMBER	J3ATR2A333 000	J3AQR2A333A 003	J3ABP2A333A 004	J3AQR2A333B 003	J3ABP2A333B 007	J3ABP2A333B 005	J3AQR2A333E 002	J3ABP2A333E 004	J3ABP2A333H 005
A2.9.10. Adhesives	A								
A2.9.11. Cleaning agents	A								
A2.9.12. Hand tools									
A2.9.12.1. Purpose	A								
A2.9.12.2. Select and use	2b								
A2.9.13. Measuring tools									
A2.9.13.1. Purpose	A								
A2.9.13.2. Select and use ruler	2b								
A2.9.13.3. Select and use thickness gauge	2b								
A2.9.13.6. Select and use torque wrench	2b								
A2.10. RESPONSIBILITY FOR SUPPLY									
A2.10.1. Maintenance supply concept	A								
A2.10.4. Ordering parts	2b								
A2.11. AIRCRAFT GENERAL									
A2.11.5. Corrosion control program									
A2.11.5.1. Aircraft cleaning	A								
A2.11.5.2. Corrosion identification	A								
A2.11.5.3. Corrosion treatment	A								
A2.11.6. Aircraft inspection concepts/types	A								
A2.11.7. Principles of ground handling	A								
A2.12. AIRFRAME									
A2.12.1. Structure and components	A								
A2.12.2. Remove/install/inspect panels	1b	3c		3c			3c		3c
A2.12.3. Remove/install/inspect components	1b								
A2.13. LANDING GEAR									
A2.13.1. Fundamentals	A								
A2.14. UTILITIES									
A2.14.2. Gaseous and liquid oxygen systems	A								
A2.14.3. Bleed air system	A								
A2.14.4. Air conditioning system	A								
A2.14.5. Pressurization system	A								
A2.14.6. Fire/overheat warning system	A								
A2.15. FLIGHT CONTROLS									
A2.15.1. Principles of flight	B								
A2.15.2. Primary flight control fundamentals	A								
A2.15.3. Secondary flight control fundamentals	A								
A2.16. HYDRAULICS									
A2.16.1. Fundamentals	A								

COURSE MATRIX

	STS	J3ATR2A3	J3AQR2A3	J3AAP2A3	J3AQR2A3	J3ABP2A3	J3ABP2A3	J3AQR2A3	J3ABP2A3	J3ABP2A3
	ITEM NUMBER	3	A	A	B	B	B	E	E	H
		0003	0003	0004	0003	0007	0005	0002	0004	0005
A2.17.	ENGINES									
A2.17.1.	Fundamentals	A								
A2.18.	FUELS									
A2.18.1.	Fundamentals	A								
A2.19.	ELECTRICAL									
A2.19.1.	Fundamentals	A								
A2.20.	AEROSPACE GROUND EQUIPMENT									
A2.20.1.	Maintenance stands									
A2.20.1.1.	Purpose and description	A								
A2.20.1.2.	Perform pre-use inspection	2b								
A2.20.1.3.	Operate	2b								
A2.20.3.	Hydraulic test stand									
A2.20.3.1.	Purpose and description	A								
A2.20.3.2.	Perform pre-use inspection		2b		2b			2b		2b
A2.20.3.3.	Use		2b		2b			2b		2b
A2.20.4.	Aircraft jacks									
A2.20.4.1.	Purpose and description	A								
A2.20.4.2.	Perform pre-use inspection	2b								
A2.20.4.3.	Operate	2b								
A2.20.5.	Diesel air compressors									
A2.20.5.1.	Purpose and description	A								
A2.20.5.2.	Perform pre-use inspection	2b								
A2.20.5.3.	Operate	2b								
A2.20.6.	Ground heaters									
A2.20.6.1.	Purpose and description	A								
A2.20.6.2.	Perform pre-use inspection	2b								
A2.20.6.3.	Operate	2b								
A2.20.7.	Diesel Generator Sets									
A2.20.7.1.	Purpose and description	A								
A2.20.7.2.	Perform pre-use inspection	2b								
A2.20.7.3.	Operate	2b								
A2.20.8.	Gas turbine compressors/generators									
A2.20. 8.1.	Purpose and description	A								
A2.20. 8.2.	Perform pre-use inspection	2b								
A2.20. 8.3.	Operate	2b								
A2.20.9.	Lighting equipment									

COURSE MATRIX

STS ITEM NUMBER	J3ATR2A333 000	J3AQR2A333A 003	J3ABP2A333A 004	J3AQR2A333B 003	J3ABP2A333B 007	J3ABP2A333B 005	J3AQR2A333E 002	J3ABP2A333E 004	J3ABP2A333H 005
A2.20.9.1. Purpose and description	A								
A2.20.9.2. Perform pre-use inspection	2b								
A2.20.9.3. Operate	2b								
A2.20.10. Air conditioning units									
A2.20.10.1. Purpose and description	A								
A2.20.10.2. Perform pre-use inspection	2b								
A2.20.10.3. Operate	2b								
A2.20.11. Tow vehicles									
A2.20.11.1. Purpose and description	A								
A2.20.12. Liquid oxygen servicing equipment									
A2.20.12.1. Purpose and description	A								
A2.20.12.2. Perform pre-use inspection	1b		3c	2b	3c		2b	3c	3c
A2.20.12.3. Operate	1b		3c	2b	3c		2b	3c	3c
A2.20.13. Self-generating nitrogen equipment									
A2.20.13.1. Purpose and description	A								
A2.20.13.2. Perform pre-use inspection	1b/-								
A2.20.13.3. Operate	1b/-								
A2.20.14. Liquid nitrogen servicing equipment									
A2.20.14.1. Purpose and description	A								
A2.20.14.2. Perform pre-use inspection	1b								
A2.20.14.3. Operate	1b								
A2.20.15. Gaseous nitrogen servicing equipment									
A2.20.15.1. Purpose and description	A								
A2.20.15.2. Perform pre-use inspection	1b								
A2.20.15.3. Operate	1b								
A2.20.16. Oil servicing carts									
A2.20.16.1. Purpose and description	A								
A2.24.16.2. Perform pre-use inspection	2b	3c		3c			3c		3c
A2.24.16.3. Use	2b	3c		3c			3c		3c
A2.20.17. Hydraulic servicing carts									
A2.20.17.1. Purpose and description	A								
A2.20.17.2. Perform pre-use inspection	2b	3c		3c			3c		3c
A2.20.17.3. Operate	2b	3c		3c			3c		3c
A2.20.18. Crash recovery equipment									
A2.20.18.1. Purpose	A								
A3.1. AIRCRAFT GENERAL									
A3.1.1. Avionics components and system operation		A							

COURSE MATRIX

	S	J	J	J	J	J	J	J	J	J
	T	3	3	3	3	3	3	3	3	3
	S	A	A	A	A	A	A	A	A	A
		T	Q	B	Q	B	B	Q	B	B
	I	R	R	P	R	P	P	R	P	P
	T	2	2	2	2	2	2	2	2	2
	E	A	A	A	A	A	A	A	A	A
	M	3	3	3	3	3	3	3	3	3
		3	3	3	3	3	3	3	3	3
	N	3	3	3	3	3	3	3	3	3
	U		A	A	B	B	B	E	E	H
	M									
	B	0	0	0	0	0	0	0	0	0
	E	0	0	0	0	0	0	0	0	0
	R	0	3	4	3	7	5	2	4	5
A3.1.2.	Weapon system components		A							
A3.1.3.	Safe aircraft for maintenance		3c							
A3.1.4.	Aircraft inspections									
A3.1.4.1.	Periodic inspection concept		B							
A3.1.4.2.	Perform inspections									
A3.1.4.2.1.	Preflight		1b							
A3.1.4.2.2.	Basic Postflight		1b							
A3.1.4.2.3.	Preflight/Basic Postflight combination		2b	3c						
A3.1.4.2.5.	Thruflight		2b	3c						
A3.1.4.3.	Perform special inspections									
A3.1.4.3.4.	Engine bay		1b							
A3.1.5.	Aircraft communications equipment									
A3.1.5.2.	Use interphone		3c							
A3.1.6.	Ground Handling									
A3.1.6.1.	Launch aircraft		B	3c						
A3.1.6.2.	Recover aircraft		B	3c						
A3.1.6.3.	Tow aircraft									
A3.1.6.3.1.	Tow team member		2b							
A3.1.6.5.	Jack and level aircraft									
A3.1.6.5.1.	Jacking team member		2b							
A3.1.6.6.	Axle jacking		3c							
A3.1.6.8.	Lubricate aircraft after wash		2b							
A3.1.6.9.	Apply external cooling air		2b							
A3.2.	AIRFRAME									
A3.2.1.	Airframe components and construction		A							
A3.2.4.	Remove/Install/Inspect									
A3.2.4.3.	Stress panels		3c							
A3.2.5.	Open/Close									
A3.2.5.1.	Hingeable doors		3c							
A3.2.5.2.	Radome		2b							
A3.3.	CANOPY									
A3.3.1.	Components and system operation		A							
A3.3.5.	Operate									
A3.3.5.1.	Manual		3c							
A3.3.5.2.	Normal		3c							

COURSE MATRIX

STS ITEM NUMBER		J3ATR2A333 000	J3AQR2A333A 003	J3ABP2A333A 004	J3AQR2A333B 003	J3ABP2A333B 007	J3ABP2A333B 005	J3AQR2A333E 002	J3ABP2A333E 004	J3ABP2A333H 005
A3.3.6.	Service									
A3.3.6.1.	Actuator		2b							
A3.3.6.2.	Accumulator		2b							
A3.4.	LANDING GEAR									
A3.4.1.	Components and system operation		A							
A3.4.2.	Operate normal systems									
A3.4.2.1.	Landing gear		1b							
A3.4.2.2.	Brakes		1b							
A3.4.2.4.	Arresting gear		1b							
A3.4.3.	Operate emergency system									
A3.4.3.1.	Landing gear extension		1b							
A3.4.3.2.	Brakes		3c							
A3.4.3.3.	Steering		2b							
A3.4.4.	Nose wheel steering system									
A3.4.4.1.	Nose wheel steering components		B							
A3.4.4.3.	Operate nose wheel steering		2b							
A3.4.6.	Service									
A3.4.6.1.	Landing gear struts									
A3.4.6.1.1.	Nose		b							
A3.4.6.1.2.	Main		2b							
A3.4.6.2.	Tires			3c						
A3.4.6.3.	Arresting gear actuator		2b							
A3.4.6.4.	Damper		2b							
A3.4.7.	Remove/inspect/install									
A3.4.7.1.	Wheel and tire assemblies		2b							
A3.4.7.2.	Brake system components									
A3.4.7.2.1.	Brake assemblies		2b							
A3.4.7.4.	Arresting gear components									
A3.4.7.4.4.	Hook damper		2b							
A3.4.8.	Bleed brakes		2b							
A3.4.9.	Determine serviceability of aircraft tires		2b	3c						
A3.4.12.	Operate gear doors									
A3.4.12.1.	Manual		3c							
A3.5.	UTILITIES									
A3.5.1.	Components and system operation		A							

COURSE MATRIX

STS ITEM NUMBER		J3ATR2A333 000	J3AQR2A333A 003	J3ABP2A333A 004	J3AQR2A333B 003	J3ABP2A333B 007	J3ABP2A333B 005	J3AQR2A333E 002	J3ABP2A333E 004	J3ABP2A333H 005
A3.5.2.	Perform operational check									
A3.5.2.6.	Fire/overheat warning system		2b							
A3.5.2.7.	Oxygen system quantity			3c						
A3.5.4.	Service oxygen system			3c						
A3.5.5.	Remove/Install/Inspect Liquid Oxygen		3c							
A3.6.	FLIGHT CONTROLS									
A3.6.1.	Component identification and system operation		A							
A3.6.2.	Perform operational check		1b							
A3.7.	HYDRAULICS									
A3.7.1.	Components and system operation		A							
A3.7.2.	Service		2b	3c						
A3.7.5.	Apply hydraulic pressure		2b							
A3.7.7.	Remove/Install/Inspect									
A3.7.7.2.	Pumps		3c							
A3.8.	AIR INDUCTION									
A3.8.1.	Components and system operation		A							
A3.9.	ENGINES									
A3.9.1.	Components and system operation		A							
A3.9.2.	Engine monitoring system		A							
A3.9.5.	Oil system									
A3.9.5.1.	Inspect magnetic chip detectors		2b	3c						
A3.9.5.2.	Service		2b	3c						
A3.9.5.6.	Take JOAP sample			3c						
A3.9.9.	Operate special equipment									
A3.9.9.4.	Comprehensive Engine Diagnostic System (CEDS)		A							
A3.10.	ENGINE STARTING SYSTEM									
A3.10.1.	Components and system operation		A							
A3.10.4.	Service									
A3.10.4.1.	JFS accumulator		3c							
A3.10.4.2.	Central Gear Box (CGB)		2b	3c						
A3.10.4.3.	Aircraft Mounted Accessory Drives (AMAD)		2b	3c						
A3.10.5.	Remove/Install/Inspect									
A3.10.5.1.	JFS		1b							
A3.10.5.19.	CGB		1b							
A3.10.5.29.	AMAD oil filter and differential Pressure indicator		3c							
A3.11.	FUELS									

COURSE MATRIX

	S	J	J	J	J	J	J	J	J	J
	T	3	3	3	3	3	3	3	3	3
	S	A	A	A	A	A	A	A	A	A
		T	Q	B	Q	B	B	Q	B	B
	I	R	R	P	R	P	P	R	P	P
	T	2	2	2	2	2	2	2	2	2
	E	A	A	A	A	A	A	A	A	A
	M	3	3	3	3	3	3	3	3	3
		3	3	3	3	3	3	3	3	3
	N	3	3	3	3	3	3	3	3	3
	U		A	A	B	B	B	E	E	H
	M									
	B	0	0	0	0	0	0	0	0	0
	E	0	0	0	0	0	0	0	0	0
	R	0	3	4	3	7	5	2	4	5
A3.11.1.	Components and system operation		A							
A3.11.5.	Refuel aircraft (normal) power off		2b	3c						
A3.11.6.	Refuel aircraft power on									
A3.11.6.1.	Team member		1b							
A3.11.8.	Defuel aircraft power off									
A3.11.8.1.	Team member		1b							
A3.11.9.	Defuel aircraft power on									
A3.11.9.1.	Team member		1b							
A3.11.11.	External fuel tanks									
A3.11.11.1.	Remove/inspect/install		3c							
A3.11.11.2.	Perform operational check		b							
A3.11.12.	Air-to-Air Refueling (AAR) system									
A3.11.12.1.	Components and system operation		A							
A3.12.	ELECTRICAL									
A3.12.1.	Components and system operation		A							
A3.12.2.	Operate									
A3.12.2.1.	Internal lighting		3c							
A3.12.2.2.	External lighting		3c							
A3.12.2.3.	Indicator/warning lights		3c							
A3.12.3.	Remove/Install/Inspect									
A3.12.3.1.	Light lenses/bulbs									
A3.12.3.1.1.	Landing light		3c							
A3.12.3.1.2.	Taxi light		3c							
A3.12.3.1.5.	Wing position light		3c							
A3.12.3.1.6.	Stab position light		3c							
A3.12.4.	IDG									
A3.12.4.1.	Service		2b	3c						
A3.12.6.	Connect/Apply external electrical power		3c							
A3.12.7.	Disconnect external electrical power		3c							
A3.13.	EGRESS									
A3.13.1.	Components and system operation		A							
A3.13.2.	Inspect egress system and safety devices		3c							
A3.13.3.	Remove/inspect/install safety pins		3c							
A3.13.4.	Perform cockpit entry procedures									
A3.13.4.1.	Normal		3c							
A3.13.4.2.	Alternate		3c							

COURSE MATRIX

STS ITEM NUMBER		J3ATR2A3330003	J3AQR2A3330003A	J3ABP2A3330004	J3AQR2A3330003B	J3ABP2A3330007	J3ABP2A3330005	J3AQR2A3330002E	J3ABP2A3330004E	J3ABP2A3330005H
A4.1.	AIRCRAFT GENERAL									
A4.1.3.	Ground handling									
A4.1.3.1.	Launch aircraft				b	3c				
A4.1.3.2.	Recover aircraft				b	3c				
A4.1.3.3.	Marshall aircraft				b	3c				
A4.1.3.4.	Perform hot brake check				b	3c				
A4.1.3.5.	Tow aircraft									
A4.1.3.5.1.	Wing/tail walker				2b					
A4.1.3.5.2.	Brake operator				2b					
A4.1.3.6.	Moor aircraft				a					
A4.1.3.7.	Jack aircraft									
A4.1.3.7.1.	Tripod jack				2b					
A4.1.3.7.2.	Axle jack				3c					
A4.1.3.7.3.	Team member				2b					
A4.1.4.	Safe aircraft for maintenance				3c					
A4.1.5.	Phased inspection concept and inspections									
A4.1.5.1.	Phase inspection concept				B					
A4.1.5.2.	Perform inspection									
A4.1.5.2.1.	Preflight				2b	3c				
A4.1.5.2.2.	Basic postflight				2b	3c				
A4.1.5.2.3.	Preflight/Basic postflight				2b					
A4.1.5.2.4.	Walkaround				b	3c				
A4.1.5.2.5.	End of runway				b					
A4.1.5.2.6.	Thruflight				2b	3c				
A4.1.5.2.8.	Phase				b					
A4.2.	AIRFRAME SYSTEMS									
A4.2.1.	Airframe components and construction				B					
A4.2.4.	Open and close									
A4.2.4.1.	Hingeable doors				3c					
A4.2.5.	Cockpit Foreign Object (FO) awareness				B					
A4.2.6.	Clean canopy				3c					
A4.3.	EGRESS SYSTEM									
A4.3.1.	Egress components and system operation				B					
A4.3.2.	Inspect safety devices				2b	3c				
A4.3.3.	Remove and install safety pins				2b	3c				
A4.3.4.	Operate canopy									
A4.3.4.1.	Electrically				3c					
A4.3.4.2.	Manually				3c					

COURSE MATRIX

		STS	J3ATR2A3330003	J3AQR2A3330003	J3ABP2A3330004	J3AQR2A3330003	J3ABP2A3330007	J3AAB2A3330005	J3AQR2A3330002	J3ABP2A3330004	J3ABP2A3330005
A4.4.	EMERGENCY POWER UNIT (EPU) SYSTEM										
A4.4.1.	EPU components and system operation					B					
A4.4.2.	Hydrazine awareness					B					
A4.4.3.	Identify leaks					B					
A4.4.4.	EPU safety					B					
A4.4.8.	Service										
A4.4.8.1.	EPU nitrogen					3c					
A4.4.8.2.	EPU oil					3c					
A4.5.	LANDING GEAR SYSTEM										
A4.5.1.	Main landing gear components and system operation					B					
A4.5.2.	Nose landing gear components and system operation					B					
A4.5.3.	Alternate/emergency landing gear components and system operation					B					
A4.5.4.	Braking components and system operation					B					
A4.5.5.	Anti-skid components and system operation					B					
A4.5.6.	Arresting hook components and system operation					B					
A4.5.7.	Nose wheel steering (NWS) components and system operation					B					
A4.5.8.	Remove, inspect, and install										
A4.5.8.16.	Wheel and tire assembly										
A4.5.8.16.1.	Main					3c					
A4.5.8.16.2.	Nose					3c					
A4.5.8.19.	Brake assembly					2b					
A4.5.8.24.	Pneumatic charging valve					2b					
A4.5.10.	Service										
A4.5.10.1.	Shock strut					2b					
A4.5.10.2.	Alternate landing gear/arresting hook pneumatic reservoir					2b					
A4.5.10.3.	Tires						3c				
A4.5.11.	Determine serviceability of tires					3c					
A4.5.12.	Bleed brakes					2b					
A4.5.13.	Perform operational check										
A4.5.13.1.	Basic landing gear system										
A4.5.13.1.1.	Team member					2b					
A4.5.13.4.	Arresting hook					2b					
A4.6.	FIRE AND OVERHEAT DETECTION SYSTEM										
A4.6.1.	Fire and overheat detection components and system operation					A					
A4.7.	FUEL INERTING SYSTEM										

COURSE MATRIX

STS ITEM NUMBER	J3ATR2A333 000	J3AQR2A333A 003	J3ABP2A333A 004	J3AQR2A333B 003	J3ABP2A333B 007	J3ABP2A333B 005	J3AQR2A333E 002	J3ABP2A333E 004	J3ABP2A333H 005
A4.7.1. Fuel inerting system components and operation				B					
A4.7.2. Remove/inspect/install halon reservoir				2b					
A4.8. LIQUID OXYGEN SYSTEM									
A4.8.1. Liquid oxygen components and system operation				B					
A4.8.2. Purging requirements				B					
A4.8.3. Service LOX converter				2b	3c				
A4.8.4. Remove/inspect/install converter				3c					
A4.10. FLIGHT CONTROL SYSTEM									
A4.10.1. Leading edge flap components and system operation				B					
A4.10.2. Rudder components and system operation				B					
A4.10.3. Horizontal stabilizer components and system operation				B					
A4.10.4. Flaperon components and system operation				B					
A4.10.5. Speedbrake components and system operation				B					
A4.10.7. Service									
A4.10.7.2. Flight control accumulator				3c					
A4.10.9. Perform operational check									
A4.10.9.7. System self-test				A					
A4.11. FUEL SYSTEM									
A4.11.1. Fuel components and system operation				B					
A4.11.2. Inflight refuel components and system operation				B					
A4.11.3. Remove/inspect/install									
A4.11.3.1. External fuel tank assembly				3c					
A4.11.3.2. Centerline external tank assembly				3c					
A4.11.5. Classification of fuel leaks				A					
A4.11.6. Service									
A4.11.6.1. Refuel aircraft without external power				2b	3c				
A4.11.6.4. Defuel aircraft									
A4.11.6.4.1. Team member				2b					
A4.11.6.5. Over-the-wing refuel									
A4.11.6.5.1. Team member				2b					
A4.11.6.6. Over-the-wing defuel aircraft									
A4.11.6.6.1. Team member				2b					
A4.11.7. Perform operational check									
A4.11.7.1. Internal transfer				b					
A4.11.7.3. Fuel quantity select switch				2b					
A4.12. HYDRAULIC POWER SYSTEM									

COURSE MATRIX

	STS	J3ATR2A3330003	J3AQR2A3330003	J3ABP2A3330004	J3AQR2A3330003	J3ABP2A3330007	J3ABP2A3330005	J3AQR2A3330002	J3ABP2A3330004	J3ABP2A3330005
A4.12.1.	Hydraulic components and system operation				B					
A4.12.2.	Remove/inspect/install									
A4.12.2.4.	Filter/assembly				2b					
A4.12.2.5.	Delta P				2b					
A4.12.3.	Connect and disconnect hydraulic tubing/hoses and fittings				2b					
A4.12.4.	Service reservoir accumulator				3c					
A4.12.5.	Hydraulic reservoir									
A4.12.5.3.	Bleed				a					
A4.12.5.4.	Service (Static)				3c					
A4.12.5.5.	Service (Engine operating)				a					
A4.13.	ACCESSORY DRIVE AND ENGINE START SYSTEM									
A4.13.1.	Accessory Drive Gearbox (ADG) component and system operation				A					
A4.13.2.	Engine Start System (ESS) components and system operation				A					
A.3.13.4.	Remove/inspect/install									
A4.13.4.1.	Jet Fuel Starter (JFS)				2b					
A4.13.4.15.	ADG									
A4.13.4.15.1.	Power take-off shaft				2b					
A4.13.4.15.2.	Oil filters				2b					
A4.13.5.	Service									
A4.13.5.1.	JFS accumulators				3c					
A4.13.5.2.	Accessory drive gearbox oil				3c					
A.3.13.6.	Remove, inspect, and install									
A4.13.8.	Perform throttle inspection				2b					
A4.14.	ENGINE (General Electric)									
A4.14.1.	Engine components and system operation				A					
A4.14.2.	Engine monitoring system									
A4.14.2.1.	Engine monitoring components and system operation				A					
A4.14.3.	Engine power control components and system operation				A					
A4.14.4.	Engine oil system				A					
A4.14.9.	Inspect and clean flame sensor				2b					
A4.15.	ENGINE (Pratt and Whitney)									

COURSE MATRIX

STS		J3ATR2A3300	J3AQR2A3303	J3ABP2A3304	J3AQR2A3303B	J3ABP2A3307	J3ABP2A3305	J3AQR2A3302E	J3ABP2A3304	J3ABP2A3305H
A4.15.1.	Engine components and system operation				A					
A4.15.2.	Engine monitoring system									
A4.15.2.1.	Engine monitoring components and system operation				A					
A4.15.3.	Engine power control components and system operation				A					
A4.15.4.	Engine oil system				A					
A4.15.5.	Take engine oil sample				2b	3c				
A4.15.6.	Remove/inspect/install									
A4.15.6.1.	Fuel filter				2b					
A4.15.6.2.	Oil filter				2b					
A4.15.11.	Service engine oil				2b	3c				
A4.15.13.	Inspect									
A4.15.13.1.	Inspect engine magnetic chip detector(s)				3c					
A4.17.	ELECTRICAL SYSTEM									
A4.17.1.	Electrical components and system operation				B					
A4.17.2.	Connect/apply external power				3c					
A4.17.3.	Disconnect external power				3c					
A4.17.4.	Remove/inspect/install									
A4.17.4.1.	Batteries				2b					
A4.17.4.2.	Light lenses				2b					
A4.17.4.3.	Light lamps				2b					
A4.17.5.	Operate									
A4.17.5.1.	Interior lighting				2b					
A4.17.5.2.	Exterior lighting				2b					
A4.17.5.3.	Night Vision Imaging (NVI) system									
A4.17.6.	Service constant speed drive				2b					
A4.18.	SUPPORT EQUIPMENT									
A4.18.2.	Fuel tank installation and removal dollies									
A4.18.2.1.	Pre-use inspection				3c					
A4.18.2.2.	Use				3c					
A4.18.3.	Fuel tank removal and installation stores loader/lift truck									
A4.18.3.1.	Pre-use inspection				3c					
A4.18.3.2.	Use				3c					
A5.1.	AIRCRAFT GENERAL									
A5.1.1.	Phase inspection concept and inspection									
A5.1.1.1.	Phase inspection concept							B		

COURSE MATRIX

STS ITEM NUMBER		J3ATR2A333 000	J3AQR2A333A 003	J3ABP2A333A 004	J3AQR2A333B 003	J3ABP2A333B 007	J3ABP2A333B 005	J3AQR2A333E 002	J3ABP2A333E 004	J3ABP2A333H 005
A5.1.1.2.	Perform inspections									
A5.1.1.2.2.	Preflight							2b	3c	
A5.1.1.2.3.	Thruflight							2b	3c	
A5.1.1.2.4.	Basic Postflight							2b	3c	
A5.1.1.2.5.	Combined preflight/postflight							2b	3c	
A5.1.1.3.	Avionics system components operation							A		
A5.1.1.4.	Weapons system components and operation							A		
A5.1.2.	Aircraft communication equipment									
A5.1.2.2.	Use interphone							2b		
A5.1.3.	Perform ground handling									
A5.1.3.1.	Launch aircraft							a	3c	
A5.1.3.2.	Recover aircraft							a	3c	
A5.1.3.3.	Marshall aircraft							a	3c	
A5.1.3.4.	Tow aircraft									
A5.1.3.4.1.	Tow team member							2b		
A5.1.3.5.	Moor aircraft							a		
A5.1.3.6.	Jack and level aircraft									
A5.1.3.6.1.	Jacking team member							3c		
A5.1.3.6.3.	Axle jacking							3c		
A5.1.3.7.	Prepare aircraft for wash							a		
A5.1.3.8.	Perform post wash lubrication							2b		
A5.1.5.	Safe aircraft for maintenance							3c		
A5.1.6.	Use A-10 technical orders									
A5.1.6.1.	Job Guides							3c		
A5.1.6.2.	Work Cards							3c		
A5.1.6.3.	Illustrated Parts Breakdown (IPB)							3c		
A5.1.6.4.	General Description							3c		
A5.1.7.	Aircraft forms									
A5.1.7.1.	Document other aircraft forms								2b	
A5.2.	AIRFRAME SYSTEMS									
A5.2.1.	Airframe components and construction							A		
A5.2.2.	Remove/inspect/install open and close airframe components									
A5.2.2.1.	Stress panels and doors							2b		
A5.2.2.4.	Outer nacelle doors							2b		
A5.2.2.5.	Inner shrouds							2b		
A5.2.2.6.	Windscreen									
A5.2.2.6.1.	Raise and lower							2b		

COURSE MATRIX

STS		J3ATR2A3300	J3AQR2A3303	J3ABP2A3304	J3AQR2A3303	J3ABP2A3307	J3ABP2A3305	J3AQR2A3302	J3ABP2A3304	J3ABP2A3305
A5.2.2.7.	Cargo pods							2b		
A5.3.	LANDING GEAR SYSTEMS									
A5.3.1.	Landing gear system components and operation							A		
A5.3.2.	Operate									
A5.3.2.1.	Landing gear							1b		
A5.3.2.2.	Brakes							1b		
A5.3.2.6.	Emergency brake system							2b		
A5.3.3.	Landing gear struts									
A5.3.3.2.	Routine servicing							2b		
A5.3.4.	Service tires								3c	
A5.3.6.	Remove/inspect/install landing gear components									
A5.3.6.1.	Nose wheel and tire assembly							3c		
A5.3.6.2.	Main wheel and tire assembly							3c		
A5.3.6.3.	Brake assembly							2b		
A5.3.6.4.	Bleed brakes							1b		
A5.3.7.	Determine serviceability of aircraft tires							2b		
A5.4.	UTILITY SYSTEMS									
A5.4.1.	Utility system components and operation							A		
A5.4.2.	Oxygen system									
A5.4.2.1.	Service							2b	3c	
A5.4.3.	Remove and install LOX converter							3c		
A5.5.	FLIGHT CONTROL SYSTEM									
A5.5.1.	Flight control system components and operation							A		
A5.6.	HYDRAULIC SYSTEM									
A5.6.1.	Hydraulic system components and operation							A		
A5.6.2.	Service									
A5.6.2.1.	Accumulators							3c		
A5.6.2.2.	Reservoir							3c		
A5.7.	ENGINE SYSTEM									
A5.7.1.	Engine system components and operation							A		
A5.7.5.	Take oil sample							2b	3c	
A5.7.6.	Service									
A5.7.6.1.	Oil system							2b	3c	
A5.7.6.2.	Integrated Drive Generator (IDG)							b		
A5.7.12.	Turbine engine monitoring system (TEMS)									

COURSE MATRIX

	STS	J3ATR2A3300	J3AQR2A3303	J3ABP2A3304	J3AQR2A3303	J3ABP2A3307	J3ABP2A3305	J3AQR2A3302	J3ABP2A3304	J3ABP2A3305
	ITEM NUMBER	3	3	3	3	3	3	3	3	3
		3	3	3	3	3	3	3	3	3
		3	3	3	3	3	3	3	3	3
			A	A	B	B	B	E	E	H
A5.7.12.1.	Components and operation							A		
A5.7.15.	Auxiliary Power Unit (APU) components and operation							A		
A5.7.15.1.	Service APU							3c		
A5.8.	FUEL SYSTEM									
A5.8.1.	Fuel system components and operation									
A5.8.1.1.	Internal							A		
A5.8.1.2.	External							A		
A5.8.2.	Refuel aircraft							2b	3c	
A5.8.3.	Defuel aircraft									
A5.8.3.1.	Team member							1b		
A5.8.4.	Remove/inspect/install external fuel tanks							1b		
A5.8.6.	Universal Aerial Refueling Receptacle Slipway Installation (UARRSI)									
A5.8.6.1.	UARRSI system components and operation							A		
A5.9.	ELECTRICAL SYSTEM									
A5.9.1.	Electrical system components and operation							A		
A5.9.2.	Operate lighting system									
A5.9.2.1.	Internal							2b		
A5.9.2.2.	External							2b		
A5.9.3.	Remove/inspect/install									
A5.9.3.3.	Battery							3c		
A5.9.5.	Connect, apply, and disconnect external electrical power							3c		
A5.10.	EGRESS SYSTEM									
A5.10.1.	Egress system components and operation							A		
A5.10.2.	Perform cockpit entry procedures							2b	3c	
A5.10.3.	Remove/inspect/install seat and canopy pins							2b	3c	
A5.10.4.	Operate canopy system									
A5.10.4.1.	Normal							2b	3c	
A5.10.4.2.	Manual							2b	3c	
A5.10.4.3.	Seat operation							3c		

AEROSPACE MAINTENANCE CRAFTSMAN

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
NOTE 1: Users are responsible for annotating training references to identify current references pending STS revision.											
NOTE 2: This attachment is to be used in conjunction with other attachments in applicable CFETPs.											
NOTE 3: Personnel must complete CDC requirements on all MDSs/attachments.											
NOTE 4: This attachment is to be used as a correlation document for the 2AX7X 7-level Aerospace Maintenance Craftsman CDC's.											
NOTE 5: All items are SUBJECT KNOWLEDGE LEVELS only and require no certification on this STS.											
AA.1. MANAGEMENT WITHIN THE MAINTENANCE COMPLEX TR: AFI 21-101, AFI 21-118 and specific MAJCOM guidance											
AA.1.2. Functions of the Maintenance Complex								-	-	-	B
AA.1.3. Operations / Logistics Group Commander Responsibilities TR: AFI 38-101, AFPD 38-1								-	-	-	B
AA.1.4. Accountability and Core Values								-	-	-	B
AA.1.5. Aircraft Maintenance Management Information Systems								-	-	-	B
AA.1.6. Maintenance Analysis								-	-	-	B
AA.1.7. Compliance and Standardization Requirements Listings								-	-	-	A
AA.1.8. Maintenance Quality Performance Measures (QPM) Relationships								-	-	-	B
AA.1.9. Health-of-the-Fleet Metrics								-	-	-	B
AA.1.10. Foreign Object Damage (FOD) Program Manager TR: AFI 21-101								-	-	-	A
AA.1.11. Joint Oil Analysis Program TR: T.O. 33-1-37-1								-	-	-	B
AA.1.12. Mobility								-	-	-	A
AA.1.13. Hazard Declarations for Mobility Packages TR: AFMAN 24-204								-	-	-	A
AA.1.14. Hazardous Material Handling Procedures TR: AFJMAN 24-204, AFI 91-301, AFI 24-202, AFMAN 23-110								-	-	-	B

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.1.15.	Production Supervisor, Flight Chief and Expediter Duties and Responsibilities								-	-	-	B
AA.1.16.	Special Certification Rosters								-	-	-	B
AA.1.17.	Maintenance Incident Investigation and Prevention TR: AFI 91-204								-	-	-	B
AA.1.18.	Aircraft Impoundment TR: AFI 91-204								-	-	-	A
AA.1.19.	Operational Risk Management (ORM) TR: AFPD 90-9, AFI 90-901, AFPAM 90-902								-	-	-	B
AA.1.20.	Restricted Maintenance Areas								-	-	-	A
AA.1.21.	Force Protection TR: AFDD 2-4.1								-	-	-	A
AA.1.22.	Classification Info, Access to Classified, COMSEC, OPSEC, COMPUSEC TR: AFI 33-211, AFI 10-1101, AFI 33-202								-	-	-	B
AA.1.23.	Proper Handling of Classified Assets TR: AFI 31-101								-	-	-	A
AA.1.24.	Aircraft Inspection Concepts TR: TO 00-20-5								-	-	-	B
AA.2.	ENLISTED SPECIALTY TRAINING TR: AFI 36-2201 and MAJCOM directives											
AA.2.1.	Training Management and Records								-	-	-	B
AA.2.2.	Automated Training Records								-	-	-	B
AA.2.3.	Career Field Education and Training Plan (CFETP)								-	-	-	B
AA.2.4.	Specialty Training Standard (STS)								-	-	-	B
AA.2.5.	Occupational Survey Report (OSR)								-	-	-	B

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.2.6.	Utilization and Training Workshop (U&TW)								-	-	-	B
AA.2.7.	Training Forecast / Request								-	-	-	A
AA.2.8.	Training Waiver Process								-	-	-	B
AA.2.9.	Field Evaluation Questionnaire (FEQ) and Graduate Assessment Survey								-	-	-	A
AA.3.	ACCOUNTABILITY FOR RECORDS, REPORTS, AND FORMS TR: AFI 21-109, TO 00-35D-54, TO 00-20 Series and applicable MAJCOM guidance											
AA.3.1.	Historical Records								-	-	-	B
AA.3.2.	Minimum Essential Configuration Management (MESL)								-	-	-	B
AA.3.3.	Automated Maintenance Systems								-	-	-	A
AA.3.4.	Reliability Availability, Maintainability, Logistics Engineering Support System for Electronic Attack Pods and Integrated Systems (RAMPOD), Core Automated Maintenance System for Airlift (GO 81)								-	-	-	A
AA.3.5.	Core Automated Maintenance System (CAMS) TR: AFM 66-279 Vol. I-XXVII, T.O. 00-20-2								-	-	-	B
AA.3.6.	Job Data Documentation (JDD)								-	-	-	B
AA.3.7.	Air Force Technical Order (AFTO) Forms 781 and 244 / 245								-	-	-	B
AA.3.8.	Configuration Management								-	-	-	B
AA.3.9.	Aircraft / Equipment Modifications								-	-	-	B
AA.3.10.	Nuclear Surety TR: AFI 91-101								-	-	-	B

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.3.11.	Dull Sword Reporting TR: AFI 91-204								-	-	-	B
AA.4.	SUPPLY MANAGEMENT TR: DOD 7200-10, AFM 67-1, AFMAN 23-220, AFMAN 23-110 and applicable MAJCOM guidance											
AA.4.1.	Maintenance Supply Concept TR: AFMAN 23-110								-	-	-	B
AA.4.2.	Supply Documents Management								-	-	-	B
AA.4.3.	Precious Metal Program TR: AFMAN 23-110								-	-	-	A
AA.4.4.	Bench Stock								-	-	-	A
AA.4.5.	Air Force Technical Order (AFTO) 375								-	-	-	A
AA.4.6.	Quick Reference List (QRL)								-	-	-	A
AA.4.7.	Standard Base Supply System (SBSS) TR: AFMAN 23-110								-	-	-	B
AA.4.8.	Integrated Logistic System-Supply (ILS-S) and Global Combat Support System (GCSS) TR: AFMAN 23-110								-	-	-	A
AA.4.9.	Priority Systems								-	-	-	B
AA.4.10.	Repair Cycle Assets								-	-	-	B
AA.4.11.	Report of Survey, Statement of Charges								-	-	-	B
AA.4.12.	Equipment Account Management								-	-	-	B
AA.4.13.	Custodian Authorization/Custody Receipt Listing (CA/CRL)								-	-	-	A
AA.4.14.	Precision Measurement Equipment Laboratory (PMEL)								-	-	-	A
AA.4.15.	Computer System Management TR: AFI 33-112								-	-	-	A

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.4.16.	Special Purpose Recoverable Authorized Maintenance (SPRAM) TR: AFMAN 23-110								-	-	-	A
AA.4.17.	Air Force Management System (AFEMS)								-	-	-	A
AA.4.18.	Status of Resources and Training (SORTS)								-	-	-	A
AA.4.19.	Land Mobile Radios, Pagers, Cell Phones TR: AFI 33-106								-	-	-	A
AA.4.20.	Shelf Life Program TR: AFMAN 23-110								-	-	-	A
AA.4.21.	Hazardous Materials (HAZMAT) TR: Applicable AFOSH STDs, AFIs and MAJCOM guidance								-	-	-	B
AA.4.22.	Qualified Products Listing								-	-	-	B
AA.5.	LOGISTICS AND RESOURCE MANAGEMENT AFPD 21-1											
AA.5.1.	Logistics Management								-	-	-	B
AA.5.2.	Agile Logistics								-	-	-	A
AA.5.3.	Two-Level Maintenance (2LM)								-	-	-	A
AA.5.4.	Execution and Prioritization of Repair System (EXPRESS)								-	-	-	A
AA.5.5.	Readiness Based Leveling (RBL) TR: AFMAN 23-110								-	-	-	A
AA.5.6.	Resource Management								-	-	-	B
AA.5.7.	Air Force Government-Wide Purchase Card Program and Air Force Form 9 TR: AFI 64-117								-	-	-	A
AA.5.8.	Air Force Enhancement Program (AFREP) TR: AFI 21-123								-	-	-	A
AA.5.9.	Financial Plan (FIN Plan)								-	-	-	A

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.5.10.	Appropriation (APPN) 3400 and 3080 Budgeting								-	-	-	A
AA.5.11.	Budget Line 3010								-	-	-	A
AA.5.12.	Air Force Materiel Command (AFMC) Responsibilities								-	-	-	A
AA.5.13.	Developmental Test and Evaluation (DT&E) Operational Test and Evaluation (OT&E)								-	-	-	A
AA.5.14.	Defense Logistics Agency								-	-	-	A
AA.5.15.	Special Experience Identifier (SEI) TR: AFMAN 36-2108								-	-	-	B
AA.5.16.	Unit Manpower Document (UMD) and Unit Management Personnel Roster (UMPR)								-	-	-	A
AA.5.17.	Manning Standards, and Logistics Composite Model (LCOM) TR: AFI 38-201, AFMAN 38-208								-	-	-	A
AA.5.18.	Technical Order Management								-	-	-	B
AA.5.19.	Technical Order Distribution Office (TODO), Technical Order Distribution Account (TODA), Technical Order Distribution Control Activity (TODCA), Technical Order Review Board (TORB) TR: TO 00-5-1, TO 00-5-2								-	-	-	A
AA.5.20.	Air Force Technical Order Forms 22, 27, 110, 158								-	-	-	A
AA.5.21.	Automated Technical Order Management System (ATOMS) TR: TO 00-5-2								-	-	-	A
AA.5.22.	Time Compliance Technical Orders (TCTO) TR: TO 00-5-15								-	-	-	A

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
AA.5.23.	Centralized Technical Order Management Organization (CTOM) TR: TO 00-5-1								-	-	-	A
AA.5.24.	Joint Computer –aided Acquisition and Logistic Support (JCALS)								-	-	-	A
AA.5.25.	Electronic Technical Orders								-	-	-	A
AA.5.26.	Deficiency Reporting (Hardware and Software) Product Quality Deficiency Reporting System (PQDR), TR: TO 00-35D-54								-	-	-	B
AA.5.27.	Reporting of Deficiency (ROD)								-	-	-	B
AA.5.28.	Bad Actor Program TR: TO 00-20-1, TO 00-35D-54								-	-	-	A
AA.5.29.	Technical Improvement Product Working Group (TIPWG), System Training Plan (STP), Program Management Review (PMR)								-	-	-	A
AA.5.30.	Corrosion Prevention Advisory Board (CPAB) TR: AFI 21-105								-	-	-	A
AA.6.	COMPUTER APPLICATION											
AA.6.1.	Using Applications								-	-	-	B
AA.6.2.	Form Flow								-	-	-	B
AA.6.3.	Air Force Electronic Publishing Library (AFEPL)								-	-	-	B
AA.6.4.	World Wide Web (www), Internet								-	-	-	B
AA.6.5.	Local Area Networks (LAN)								-	-	-	B

Section B - Course Objectives

1. Measurement. Each proficiency coded STS task or knowledge item taught at the technical school is measured through the use of an objective. An objective is a written instruction for the student so he or she knows what is expected of them to successfully complete training on each task. Each objective is comprised of a condition, behavior, and standard that states what is expected of the student for each task. The condition is the setting in which the training takes place. The behavior is the action a student must demonstrate to accomplish a task (i.e. Remove, inspect, and install a wheel and tire assembly). The standard is the level of performance that is measured to ensure the STS proficiency code level is attained. Each objective uses letter code(s) to identify how it is measured. All objectives use the **PC** code, that indicates a progress check is used to measure subject or task knowledge. Progress checks are also used to measure student accomplishment of performance objectives. **W** indicates a comprehensive written test and is used to measure the subject and/or task knowledge at the end of a block of instruction. **PC/W** indicates separate measurement of both knowledge and performance elements using a written test and a performance progress check.

2. Standard. The standard is 70% on written examinations. Standards for performance measurement are indicated in the objective and delineated on the individual progress checklist. The checklist is used by the instructor to document each student's progress on each task. Instructor assistance is provided as needed during the progress check, and students may be required to repeat all or part of the behavior until satisfactory performance is attained. Students must satisfactorily complete all progress checks prior to taking the written test.

3. Proficiency Level. Most task performance is taught to the "2b" or "3c" proficiency level. The "2b" means the student can do most parts of the task, but needs assistance on the hardest parts of the task (partially proficient). The student can also determine step by step procedures for doing the task. The "3c" means the student can do all parts of the task but may need a spot check of completed work (Competent). The student should be able to identify why and when the task must be done and why each step is needed.

4. Course Objectives. If you require a detailed copy of course descriptions and objectives, please provide a written request to the AETC Training Manager as indicated below.

AFSC awarding course: 372 TRS, 912 I Avenue, Sheppard AFB TX 76311-2361
Prerequisite course: 362 TRS, 613 10th Avenue, Sheppard AFB, TX 76311-2352

Course J3ATR2A333 000, Fighter Crew Chief Common. This course is 19 days long and a prerequisite course for all fighter aircraft maintenance apprentices before entry into AFS awarding training. Provides an overview of career progression, security, technical orders, maintenance management, maintenance documentation, aircraft and flightline safety. Students are introduced to hand tools, hardware, aerospace ground equipment, ground handling, corrosion identification and inspection concepts. Fundamental concepts of airframe, egress, electrical, engines, environmental, hydraulics, landing gear, flight controls, and related systems are presented. The course provides familiarization to personnel assigned to F-15, F-16, F-117, A-10, U-2, and UAV aircraft.

Course J3AQR2A333A 003, Fighter Aircraft Maintenance Apprentice (F-15). This course includes the 19 day Fighter Crew Chief Common course listed above plus 55 days of weapon specific training on the F-15 aircraft. The AFSC will be awarded after completion of this course and completion of course J3ABP2A333A 002, Fighter Aircraft Maintenance Apprentice (F-15), at Tyndall AFB. Training includes technical order system, maintenance management, maintenance documentation, aircraft and flightline safety (AFOSH), inspection and use of aircraft support equipment, and aircraft ground handling. Hands-on training is also provided on aircraft systems such as canopy, airframe, electrical, utilities, hydraulics, landing gear, engines, engine starting system, egress, and fuels. Students will also perform various aircraft and system inspections, service aircraft systems, and lubricate the aircraft. Students will be certified as 3-levels on various tasks in this course.

Course J3ABP2A333A 004, **Fighter Aircraft Maintenance Apprentice (F-15).** Includes 20 days of task certification training as 3-levels at Tyndall AFB Florida on AFTO Forms, and inspections such as preflight/basic postflight and thruflight. Task certification is also performed on aircraft launch and recovery, service aircraft tires, determine serviceability of aircraft tires, inspect oil system magnetic chip detectors, and service the oil system, hydraulics, CGB, AMAD, and IDG. Additional task certification is done on refueling an aircraft, pre-use inspections, use liquid oxygen servicing equipment, service oxygen system, and perform operational checks.

Course J3ACR2A373A 000, **F-15 Aircraft Maintenance Craftsman**. Provides detailed instruction in the use of technical orders, system schematics, troubleshooting, charts/log trees, and system components for Air Force personnel who possess AFSC 2A353A. Course addresses management and supervisory areas unique to the aircraft maintenance career field.

Course J3AQR2A333B 003, Fighter Aircraft Maintenance Apprentice (F-16). This course includes the 19 day Fighter Crew Chief Common course listed above plus 65 days of weapon specific training on the F-16 aircraft. The AFSC will be awarded after completion of this course and completion of either course J3ABP2A333B 007, Fighter Aircraft Maintenance Apprentice (F-16), at Luke AFB or course J3ABP2A333B 005, Fighter Aircraft Maintenance Apprentice (F-117A) at Holloman AFB. Training includes F-16 technical order system, maintenance management, maintenance documentation (CAMS and AFTO Forms), aircraft and flightline safety (AFOSH), inspection and use of aircraft support equipment, and aircraft ground handling. Hands-on training is also provided on aircraft systems such as canopy, airframe, electrical, utilities, hydraulics, landing gear, engines, engine starting system, egress, and fuels. Students will also perform various aircraft and system inspections, and service aircraft systems. Students will be certified as 3-levels on various tasks in this course.

Course J3ABP2A333B 007, **Fighter Aircraft Maintenance Apprentice (F-16).** Includes 21 days of task certification training as 3-levels at Luke AFB on inspections such as preflight/basic postflight and thruflight. Task certification is also performed on aircraft launch and recovery, pre-use inspection and use of liquid oxygen servicing equipment, servicing liquid oxygen system, taking oil samples, servicing oil system, tire servicing, refueling an aircraft with power off, inspecting safety devices, removing and installing egress safety pins.

Course J3ACR2A373B 000, **F-16 Aircraft Maintenance Craftsman**. Provides detailed instruction in the use of technical orders, system schematics, troubleshooting, charts/log trees, and system components. Course addresses management and supervisory areas unique to the aircraft maintenance career field.

Course J3ABP2A333B 005, Fighter Aircraft Maintenance Apprentice (F-117A). Provides training in skills and knowledge necessary for the award of AFSC 2A333B. Students who attend this course will attend course J3AQR2A333B 003 at Sheppard AFB. Students will then go directly to Holloman AFB for F-117A training. Training includes use of technical orders, aircraft inspections, launch and recover aircraft, jacking aircraft, aircraft marshalling, connect/disconnect electrical, hydraulic power, and cooling air, safe aircraft for maintenance, egress safety and canopy operation, service various aircraft systems, remove/install aircraft wheel and tire, perform operational checks of various systems, operate internal and external lighting, and perform pre-use inspection and use support equipment.

Course J3AQR2A333E 002, Fighter Aircraft Maintenance Apprentice (A-10). This course includes the 19 day Fighter Crew Chief Common course listed above plus 54 days of weapon specific training on the A-10 aircraft. The AFSC will be awarded after completion of this course and completion of course J3ABP2A333E 003, Fighter Aircraft Maintenance Apprentice (A-10), at Davis Monthan AFB. Training includes technical order system, maintenance management, maintenance documentation (CAMS and AFTO Forms), aircraft and flightline safety (AFOSH), inspection and use of aircraft support equipment, and aircraft ground handling. Hands-on training is also provided on aircraft systems such as canopy, airframe, electrical, utilities, hydraulics, landing gear, engines, engine starting system, egress, and fuels. Students will also perform various aircraft and system inspections, service aircraft systems, and lubricate the aircraft. Students will be certified as 3-levels on various tasks in this course.

Course J3ABP2A333E 004, **Fighter Aircraft Maintenance Apprentice (A-10).** Includes 25 days of task certification training as 3-levels at Davis Monthan AFB on AFTO Forms, and inspections such as preflight/basic postflight and thruflight. Task certification is also performed on aircraft launch and recovery, servicing liquid oxygen system, taking oil samples and servicing oil system, tire servicing, refueling as an aircraft team member, operating the canopy and seat, inspecting egress safety devices, removing and installing egress safety pins, performing cockpit entry procedures, and inspecting and using liquid oxygen and liquid nitrogen servicing equipment.

Course J3ACR2A373J 000, **A-10 Aircraft Maintenance Craftsman**. Provides detailed instruction in the use of technical orders, system schematics, troubleshooting, charts/log trees, and system components for Air Force personnel who possess AFSC 2A353A. Course addresses management and supervisory areas unique to the aircraft maintenance career field.

Course J3AQR2A333H 000, Fighter Aircraft Maintenance Apprentice (U-2). Students award this AFSC attend the first two blocks of J3AQR2A333E 002, Fighter Aircraft Maintenance Apprentice (A-10) at Sheppard AFB, and then attend the Field Training Detachment course J3ABP2A333H 005 at Beale AFB.

Course J3ABP2A333H 005, Fighter Aircraft Maintenance Apprentice (U-2). This course provides training on inspections, launch and park aircraft, safe aircraft for maintenance, technical orders, and remove and install ground safety devices. Training is also provided on aircraft communication equipment, towing and jacking aircraft, upload/download ballast, IMDS, removing and installing various airframe components, servicing aircraft systems, egress training, and inspection and use of AGE.

Section C - Support Materials:

5. The following list of support materials is not all inclusive; however, it covers the most frequently referenced areas. Support material is any training package designed to enhance the learning process at any level of training.

5.1. This paragraph lists the address for points of contact for information on Training Detachment courses. The address is: 372 TRS/TXC, 912 I Avenue, Suite 3, Sheppard AFB, Texas 76311-2361, DSN 736-4791. Website address for course titles and other information is: https://etca.randolph.af.mil.

5.2. Interactive Courseware (ICW) is available from the 367 TRS/TRSS at Hill AFB Utah. To obtain more information, request a copy of the Courseware Catalog from 367 TRS, 6058 Aspen, Building 1295, Hill AFB UT 84056-5805. Their FAX number is DSN 777-0897 and their customer service number is DSN 777-0160. To request ordering information on hardware, your MAJCOM training POC (for ACC, AMC, and ANG) is the first stop. For personnel in other MAJCOMs, contact them directly and they will provide you the information required for purchasing the item through them. If you decide to purchase the system, they will FAX you the AF Form 616 to use for an example. The 367 TRSS internet site is: http://www.hill.af.mil/367TRSS/findex.htm.

Section D - Training Course Index:

6. Purpose: This index lists Air Force resident, AFIADL, and exportable courses used to support training for this specialty. Refer to Air Force Education and Training Course Announcements (ETCA) for information on AETC formal courses listed below. The URL for ETCA is https://etca.randolph.af.mil.

6.1. Air Force In-Residence Courses:

COURSE NUMBER	TITLE	OPR	USER
J3AQR2A333A 003	Fighter Aircraft Maintenance Apprentice (F-15)	362 TRS	USAF
J3ABP2A333A 004	Fighter Aircraft Maintenance Apprentice (F-15)	372 TRS	USAF
J3ACR2A373A 000	F-15 Aircraft Maintenance Craftsman	362 TRS	USAF
J3AQR2A333B 003	Fighter Aircraft Maintenance Apprentice (F-16)	362 TRS	USAF
J3ABP2A333B 007	Fighter Aircraft Maintenance Apprentice (F-16)	372 TRS	USAF
J3ABP2A333B 005	Fighter Aircraft Maintenance Apprentice (F-117)	372 TRS	USAF
J3ACR2A373B 000	F-16 Aircraft Maintenance Craftsman	362 TRS	USAF
J3ABP2A333E 004	Fighter Aircraft Maintenance Apprentice (A-10)	372 TRS	USAF

J3ACR2A373A 000	A-10 Aircraft Maintenance Craftsman	362 TRS	USAF
J3AQR2A333H 000	Fighter Aircraft Maintenance Apprentice (U-2)	362 TRS	USAF
J3ABP2A333H 005	U-2 Tactical Aircraft Maintenance Apprentice	373 TRS	USAF

6.2. Air Force Institute for Advanced Distributed Learning (AFIADL) Courses:

COURSE NUMBER	TITLE	OPR	USER
CDC 2A353A	F-15 Aircraft Maintenance Journeyman	362 TRS	USAF
CDC 2A353B	F-16/117 Aircraft Maintenance Journeyman	362 TRS	USAF
CDC 2A353J	A-10/U-2/UAV (RQ-1) Aircraft Maintenance Journeyman	362 TRS	USAF
CDC 2AX7X	Aerospace Maintenance Craftsman	362 TRS	USAF
CDC 2A373	Fighter Aircraft Maintenance Craftsman	362 TRS	USAF

6.3. Exportable Courses:

COURSE NUMBER	TITLE	OPR	MEDIA
J6ANU2A000 000	Weight and Balance (General)	362 TRS	CBT
J6ANU00066 041	CAMS for Metals Technicians	362 TRS	CBT
J6ANU00066 042	CAMS for AGE Technicians	362 TRS	CBT
J6ANU00066 043	CAMS for Flightline and Backshop	362 TRS	CBT
J6ANU00066 044	General Technical Order System	362 TRS	WBT
J6ANU00066 045	Advanced Technical Order System	362 TRS	WBT

Section E - MAJCOM Unique Requirements

7. Currently only Air Combat Command has a MAJCOM mandatory course list (CAF/MCL). MAJCOMs change mandatory course requirements occasionally. Check the ACC website for the CAF/MCL changes.